

ENGINEERING CALCULATIONS

LIFETIME STEEL BLDGS
Job Number 19066-1
End User LIFETIME STEEL BLDGS
Job Location: LAKE CITY, FL 32024

DATE: 7/08
DESIGNED BY:
CHECKED BY: DB
DRAWN BY: ARM/MMD

DESIGN PARAMETERS

COMMENTS

NOMINAL WIDTH: 60 feet
NOMINAL LENGTH: 121.33 feet
EAVE HEIGHT, BACK S.W: 17.25 feet
EAVE HEIGHT, FRONT S.W: 17.25 feet
ROOF SLOPE, LEFT: 3.0:12
ROOF SLOPE, RIGHT: 3.0:12

DESIGN LOADS

BUILDING CODE: FBC 06
FRAME SELF WEIGHT: INCLUDED
ROOF DEAD LOAD: 2.000 psf
COLLATERAL LOAD: 5 psf
LIVE LOAD: 20.00 psf
SNOW LOAD, ROOF: 0 psf
WIND SPEED: 140 mph
WIND EXPOSURE: B
CLOSURE: 'C, D, P' Closed
IMP. FACTOR, WIND: 1.15
OCCUPANCY CATEGORY: IV - ESSENTIAL FACILITIES
SEISMIC PARAMETERS:
SEISMIC IMPORTANCE: 1.50
SEISMIC RESPONSE COEF.: 0.057
SEISMIC DESIGN CATEGORY: D
DESIGNED SPECTRAL ACCELERATION PARAMETER 'SDS' - (SHORT PERIODS): 0.1333
DESIGNED SPECTRAL ACCELERATION PARAMETER 'SDI' - (1 SEC PERIODS): 0.1008
MAPPED SPEC. RESPONSE ACC. 'SI' - (1 SEC PERIODS): 0.0630
RESPONSE MODIFICATION FACTOR: 3.5
SITE CLASS (ASSUMED): D
BASIC SEISMIC-FORCE RESISTING SYSTEM MOMENT RESISTING FRAME
DESIGN BASE SHEAR 'V' = CS * V
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

DRAWING RELEASE HISTORY

DRAWING REVISIONS

DATE SENT	REASON FOR RELEASE	REVISION	DATE	BY	DESCRIPTION
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					

GENERAL NOTES

- MATERIALS**
STRUCTURAL STEEL PLATE
COLD FORMED LIGHT GAGE SHAPES
BRACE RODS
HOT ROLLED MILL SHAPES
ROOF AND WALL SHEETS
BOLTS
BUILT-UP MEMBERS
ASTM DESIGNATION
A529 DR A572 DR A570 DR A607
A570 DR A607
A572
A36 DR A572
A653 DR A792
A307, A325, AND A490
A570
GRADE 50
GRADE SS
GRADE 63, UNLESS NOTED
FY = 36 KSI DR GRADE 50
GRADE 50
A307 UNLESS NOTED
GRADE 50 DR SS
- STRUCTURAL PRIMER**
SHIP PRIMER PAINT IS A RUST INHIBITIVE PRIMER AND IT'S COLOR IS RED OXIDE.
THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.
- A325 BOLT TIGHTENING REQUIREMENTS**
ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE.
STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE TURN-OF-THE-NUT METHOD IN ACCORDANCE WITH THE 13TH EDITION, AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 DR A490 BOLTS", PER SECTION 8.2, A325 BOLTS MAY BE INSTALLED WITHOUT WASHERS WHEN TIGHTENED BY THE TURN-OF-THE-NUT METHOD.
ALL HIGH STRENGTH BOLTS, EXCEPT AS NOTED OTHERWISE, ARE SUBJECT TO DIRECT TENSION AND MAY REQUIRE INSPECTION AS DEFINED BY THE APPLICABLE BUILDING CODE OR STANDARD. IT IS THE RESPONSIBILITY OF THE ERECTOR TO ASSURE PROPER TIGHTNESS.
- BUILDER/CONTRACTOR RESPONSIBILITIES**
THE METAL BUILDING MANUF.'S STANDARD PRODUCT SPECIFICATIONS APPLY AND UNLESS STIPULATED OTHERWISE IN THE CONTRACT DOCUMENTS, THE METAL BUILDING MANUF.'S DESIGN, FABRICATION, QUALITY CRITERIA STANDARDS AND TOLERANCES WILL GOVERN THE WORK.
IN CASE OF DISCREPANCIES BETWEEN METAL BUILDINGS MANUF. STRUCTURAL PLANS AND PLANS FOR OTHER TRADES, THE METAL BUILDING MANUF.'S PLANS SHALL GOVERN.
IT IS THE RESPONSIBILITY OF THE BUILDER / CONTRACTOR TO OBTAIN APPROPRIATE APPROVALS AND NECESSARY PERMITS FROM CITY, COUNTY, STATE, OR FEDERAL AGENCIES, AS REQUIRED.
APPROVAL OF METAL BUILDING MANUF.'S DRAWINGS CONSTITUTES THE BUILDER / CONTRACTOR'S ACCEPTANCE OF THE METAL BUILDING MANUF.'S INTERPRETATION OF THE CONTRACT PURCHASE ORDER.
ONCE THE BUILDER / CONTRACTOR OR A/E FIRM HAS SIGNED MANUF.'S APPROVAL PACKAGE, CHANGES FROM THE PURCHASE ORDER BY THE BUILDER WILL BE BILLED TO THE BUILDER / CONTRACTOR FOR MATERIAL, ENGINEERING AND HANDLING FEES. SUCH CHANGES MAY CAUSE THE PROJECT TO BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE. A PENALTY FEE MAY BE CHARGED IF THE PROJECT MUST BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE, AS LONG AS THE MANUF.'S DESIGN AND DETAILING APPROACH COMPLETES WITH THE PURCHASE ORDER.
THE BUILDER / CONTRACTOR OR A/E FIRM ARE RESPONSIBLE FOR THE OVERALL PROJECT CONDITION, ALL INTERFACE AND COMPATIBILITY CONCERNING ANY MATERIALS NOT FURNISHED BY THE MANUF. ARE TO BE CONSIDERED AND COORDINATED BY THE BUILDER / CONTRACTOR OR A/E FIRM UNLESS SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS IS FURNISHED AS PART OF THE PURCHASE ORDER. THE METAL BUILDING MANUF.'S ASSUMPTIONS WILL GOVERN.
THE BUILDER / CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL OTHER PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITY, SUPPLYING SEALED ENGINEERING DESIGN DATA AND DRAWINGS BY THE BUILDING MANUF. DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUF. OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR THE CONSTRUCTION PROJECT. THESE DRAWINGS AND DESIGN DATA ARE SEALED AS TO THE STRUCTURAL SYSTEM FURNISHED BY THE METAL BUILDING MANUF. IN COMPLIANCE WITH ALL REQUIREMENTS OF THE PURCHASE ORDER.
THE BUILDER / CONTRACTOR IS RESPONSIBLE FOR SETTING OF ANCHOR BOLTS AND ERECTION OF STEEL BUILDING COMPONENTS IN ACCORDANCE WITH THE METAL BUILDING MANUF.'S "FOR CONSTRUCTION" DRAWINGS. TEMPORARY SUPPORTS OR BRACING REQUIRED FOR THE BUILDING ERECTION WILL BE THE RESPONSIBILITY OF THE ERECTOR TO DETERMINE, FURNISH, AND INSTALL.
THE METAL BUILDING MANUF. DOES NOT WARRANT STRUCTURAL INTEGRITY OF ANY COMPONENTS FIELD MODIFIED OR DESIGNED AND FABRICATED BY OTHERS. NEITHER DO WE ACCEPT DESIGN RESPONSIBILITY FOR THE EFFECTS NON STANDARD COMPONENTS DESIGNED BY OTHERS MAY HAVE ON THE SYSTEM IN GENERAL.

SPECIAL NOTE:

BUILDING IS NOT STRUCTURALLY SOUND UNTIL ALL WALL COVERING, ROOF SHEETS, AND PERMANENT BRACING IS INSTALLED. BUILDER / CONTRACTOR IS RESPONSIBLE FOR SUPPORTS OR TEMPORARY BRACING DURING ERECTION, HE SHALL FURNISH, AND INSTALL THESE TEMPORARY SUPPORTS WHERE NECESSARY. TEMPORARY SUPPORTS ARE NOT PROVIDED BY THE METAL BUILDING MANUFACTURER.

FLORIDA PRODUCT APPROVAL INFORMATION

22 GA. 22 BATTENLOK PANEL -	ROOF PANEL	APPROVAL #
26 GA. 26 PBR - WALL PANEL		FL 7353.1
9" X 10" RIDGE VENT		FL 5335.1
		FL 8069.1

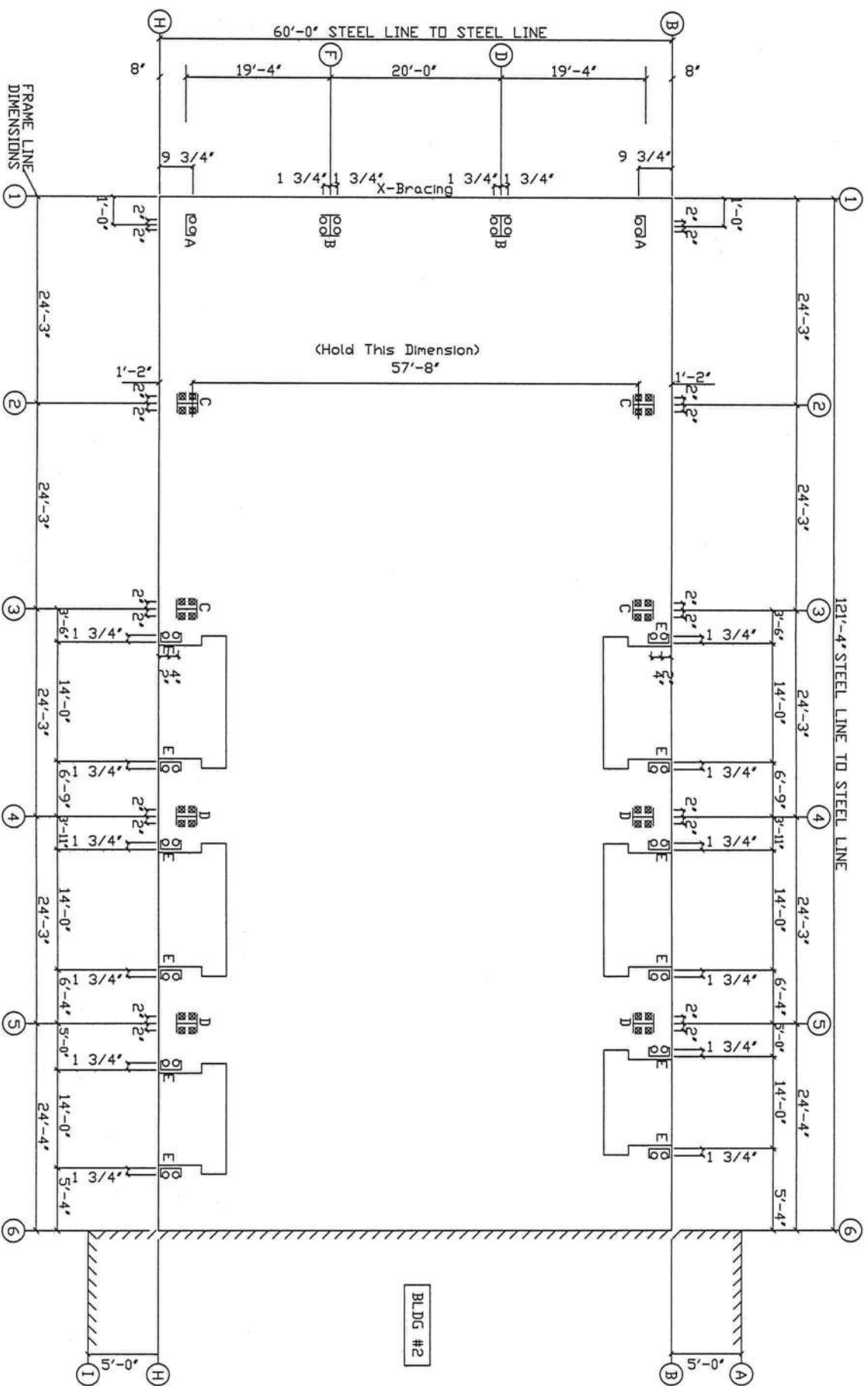
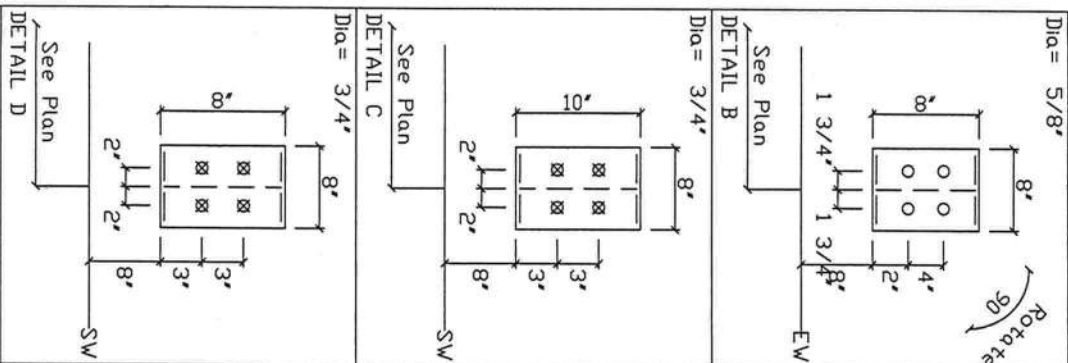
BLDG #1

BLDG #2

ROOF PANEL	PANEL TYPE	COLOR
GAUGE	22 BL-HS	NEED KYMAR COLOR
WALL PANEL	PANEL TYPE	COLOR
GAUGE	26 PBR	NEED KYMAR COLOR
SOFFIT PANEL	PANEL TYPE	COLOR
GAUGE	26 PBR	NEED KYMAR COLOR
WALL TRIM COLOR		
NEED KYMAR COLOR		
GABLE TRIM COLOR		
NEED KYMAR COLOR		

ENGINEER'S STAMP

OCT 09 2008



ANCHOR BOLT SUMMARY				
Q 24	DJ	5/8"	9.00	3.00
Ø 12	EV	12.00	3.00	3.00
Ø 32	R _F	3/4"	18.00	3.00

REVIEWS				DRAWING STATUS			
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD	
							☒ FOR CONSTRUCTION
							☐ FOR PERMIT ONLY
							☐ FOR APPROVAL
							☐ OTHER, EXPLAIN
DATE: 10/07/08 10:00 AM 10/07/08 10:00 AM 10/07/08 10:00 AM							

LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	6000' x 1213' x 17'2	ANCHOR BOLT PLAN & DETAILS	
ID	19066-1	DESIGN	DRAFTSMAN/MDL CHECK
PROJECT	LAKE CITY, FL 32024	DATE	10/07/08
ADDRESS			SHEET

OCT 09 2008

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	= 60.0
Length (ft)	= 121.3
Roof Slope (rise/run)	= 17.3/ 30.0
Roof Slope (rise/12)	= 30.0/ 3.0
Dead Load (psf)	= 20.0
Roof Live Load (psf)	= 20.0
Roof Live Load (psf)	= 120.0
Wind Speed (mph)	= 140.0
Wind Code (3 sec gust)	= FBC 06
Exposure	= B
Closed/Open	= C
Importance Wind	= 115
Importance Seismic	= 150
Seismic Coeff (FAS)	= 0.20

Id Description

1	DL+CL+LL
2	0.60DL+VLI
3	0.60DL+VRI
4	0.60DL+VLI+VS
5	0.60DL+VRI+VS
6	0.60DL+VLI+VS

GENERAL NOTES

- (1) APPLICATION OF ENGINEERS SEAL IS FOR METAL BUILDING ONLY AND DOES NOT REPRESENT THE PROFESSIONAL OF RECORD.
- (2) FOUNDATION DESIGN AND CONSTRUCTION ARE NOT THE RESPONSIBILITY OF THE METAL BUILDING MANUFACTURER.
- (3) ANCHOR BOLTS SHALL BE ACCURATELY SET TO A TOLERANCE OF +/- 1/8" IN BOTH ELEVATION AND LOCATION.
- (4) THE BUILDING REACTION DATA REPORTS THE LOADS WHICH THIS BUILDING PLACES ON THE FOUNDATION. THE FOUNDATION IS TO BE DESIGNED BY A QUALIFIED ENGINEER TO SUPPORT THE BUILDING REACTIONS IN ADDITION TO OTHER LOADS IMPOSED BY THE BUILDING USE OR OCCUPANCY WITH RESPECT TO JOB SITE CONDITIONS.
- (5) ALL ANCHOR BOLTS TO BE ASTM SPECIFICATION A307 UNLESS OTHERWISE NOTED.
- (6) VALUES GIVEN FOR BOLTS AND ANCHOR BOLT TOTAL LENGTHS ARE SUGGESTED LENGTHS ONLY. IT IS THE RESPONSIBILITY OF THE FOUNDATION ENGINEER TO DETERMINE THE VALUES SINCE THEY ARE A FUNCTION OF CONCRETE STRENGTH AS WELL AS OTHER FACTORS.

Protection of Opening

This building is located in a wind-borne debris region. Exterior glazing is assumed to be impact resistant and meet the provisions of the missile test, or they should be protected by impact resistant covering meeting the requirements of SSTD 12, ASTM E 1886 and ASTM 1996 or Miami-Dade PA 201, 202, & 203.

Openings may also be protected by structural wood panels having a min. thickness of 7/16" and maximum panel span of 8 feet. Attachment hardware and fastening schedule shall be in accordance with the following table.

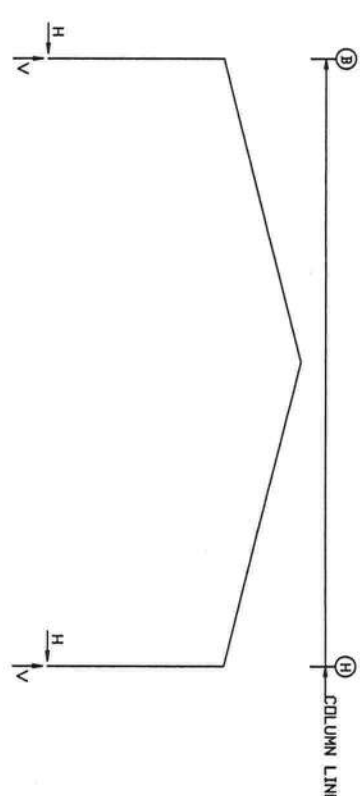
FASTENER TYPE	WIND-BORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS (PLYWOOD)			
	FASTENER SPACING (in.) ^{1,2}			
	PANEL SPAN < 2ft	2ft< PANEL SPAN < 4 ft.	4ft< PANEL SPAN < 6 ft.	6ft< PANEL SPAN < 8 ft.
#8 Wood screw-based anchor with 2" embedment length.	16	16	10	8
#10 Wood screw-based anchor with 2" embedment length.	16	16	12	9
1/4" Lag screw-based anchor with 2" embedment length.	16	16	16	16

SI: 1 inch=25.4 mm 1 foot=305 mm

Notes:

- 1.) This table is based on a maximum wind speed of 140 m.p.h. (63 m/s) and mean roof height of 45 feet (13.716 m) or less.
- 2.) Fasteners shall be installed at opposing ends of the wood structural panel.
- 3.) Where screws are attached to masonry or stucco, they shall be attached using vibration-resistant anchors having a minimum withdrawal capacity of 490 lb. (2180 kN).

FRAME LINES: 2 3 4 5



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frame Line	Anchor Bolt No.	Base Plate (in)	Gout (in)
2	4	0.750	8.000
3	4	0.750	8.000
4	4	0.750	8.000
5	4	0.750	8.000

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frame Line	Anchor Bolt No.	Base Plate (in)	Gout (in)
2	4	0.750	8.000
3	4	0.750	8.000
4	4	0.750	8.000
5	4	0.750	8.000

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Dead	Live	Wind	Seismic	Wind	Seismic
2	1.00	2.75	2.04	4.12	4.68	10.18
3	1.00	2.75	2.04	4.12	4.68	10.18
4	1.00	2.75	2.04	4.12	4.68	10.18
5	1.00	2.75	2.04	4.12	4.68	10.18

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frame Line	Dead	Live	Wind	Seismic	Wind	Seismic
2	1.00	2.75	2.04	4.12	4.68	10.18
3	1.00	2.75	2.04	4.12	4.68	10.18
4	1.00	2.75	2.04	4.12	4.68	10.18
5	1.00	2.75	2.04	4.12	4.68	10.18

WIND BENT REACTIONS

Loc Line	Col	Wind	Seismic
1	2	4.41	1.06
2	3	4.41	1.06
3	4	4.41	1.06
4	5	4.41	1.06

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frame Line	Anchor Bolt No.	Base Plate (in)	Gout (in)
2	4	0.750	8.000
3	4	0.750	8.000
4	4	0.750	8.000
5	4	0.750	8.000

REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPR
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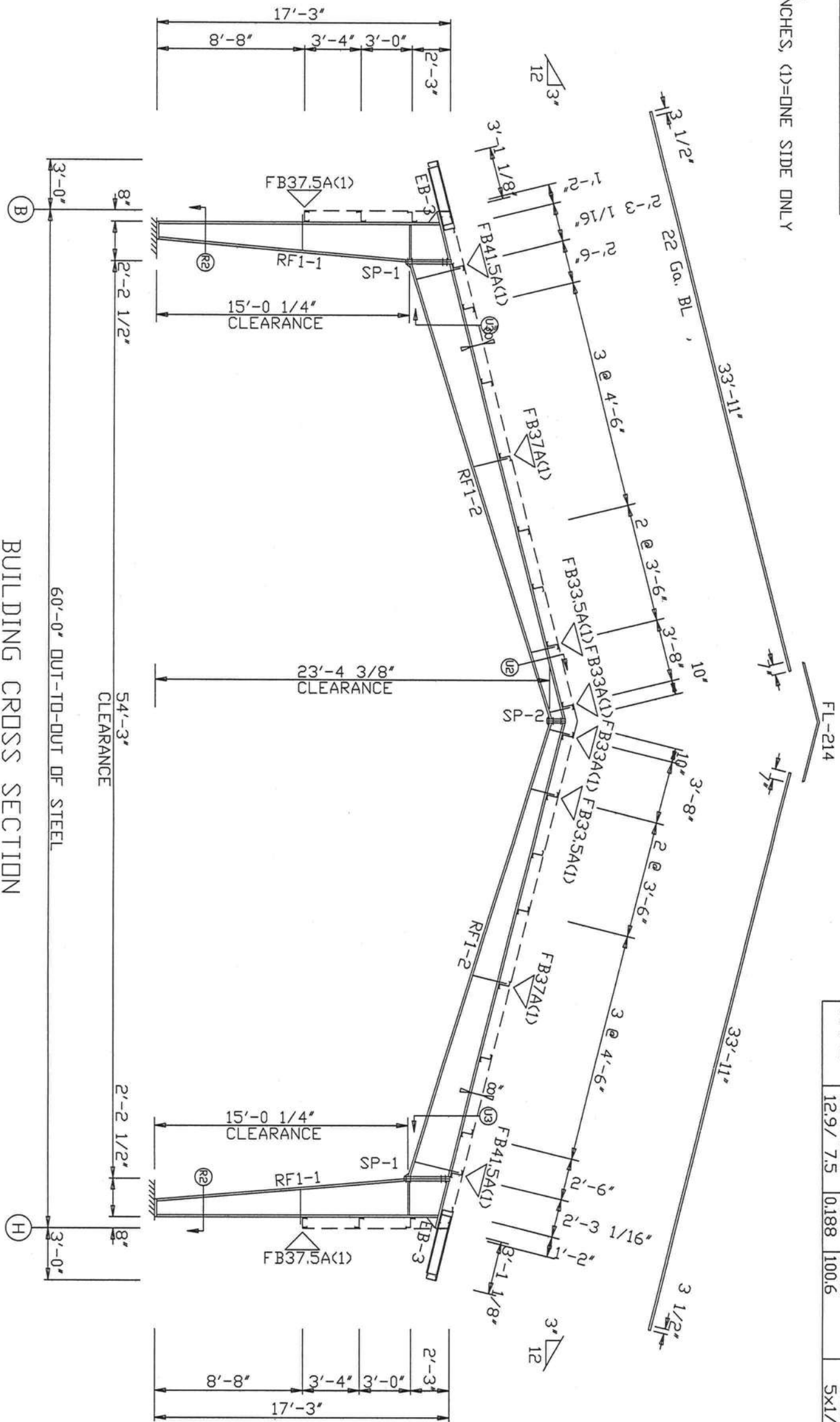
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SEAL

SPLICE BOLTS			-----Bolt-----		
Splice Mark	Quan	Top/Bot/Int	Type	Dia	Len
SP-1	4	4	0	A325	0.750 2.50
SP-2	2	4	0	A325	0.625 1.75

FLANGE BRACES:
 FBxxxA(1): xx=INCHES, (1)=ONE SIDE ONLY
 A - L2X2X14G

MEMBER SIZE TABLE (in)			OUTSIDE FLANGE			INSIDE FLANGE		
PIECE	WEB DEPTH	WEB PLATE	W	T	LEN	W	T	LEN
RF1-1	9.5/26.0	0.164	175.7	5x1/4"	x199.9	5x1/4"	x176.4	
RF1-2	26.0/26.0	0.250	30.8	6x5/16"	x35.2	5x1/4"	x240.0	
	26.0/12.9	0.188	240.0	5x1/4"	x240.0	5x1/4"	x240.0	
	12.9/7.5	0.188	100.6	5x1/4"	x94.0	5x1/4"	x99.2	



BUILDING CROSS SECTION
 FOR FRAME LINE 2 3

GENERAL NOTES:

* NOTICE TO ERECTOR *

(A) It is IMPORTANT that for members exceeding 30 ft. in length that a spreader bar be used when lifting.

(B) All flange braces and wind bracing must be installed prior to exterior finishes being applied.

REVISIONS						DRAWING STATUS						LIFETIME STEEL BLDGS			LIFETIME STEEL BLDGS		
REV.	DESCRIPTION	DATE	DTLR	DATE	CHKR	APPD	[] FOR CONSTRUCTION	[X] FOR PERMIT ONLY	[] FOR APPROVAL	[] OTHER, EXPLAIN		PROJECT	ID	PROJECT	DATE	DESIGN	DRAFTSMAN/MDL
												6000' x 1213 x 172	19066-1	LAKE CITY, FL 32024	10/07/08		

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SEAL

MEMBER SIZE TABLE (in)					
PIECE	WEB DEPTH START/END	WEB PLATE THICK LENGTH	OUTSIDE FLANGE W x T x LEN		INSIDE FLANGE W x T x LEN
RF2-1	7.5/26.0	0.164	175.7	5x1/4" x199.9	5x1/4" x176.6
	26.0/26.0	0.250	30.8	6x5/16" x 35.2	
RF2-2	26.0/12.9	0.188	240.0	5x1/4" x240.0	5x1/4" x240.0
	12.9/ 7.5	0.188	100.6	5x1/4" x 94.0	5x1/4" x 99.2

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FBXxA(1): XX=INCHES, (1)=ONE SIDE ONLY
A - L2X2X14G

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* NOTICE TO ERECTOR *

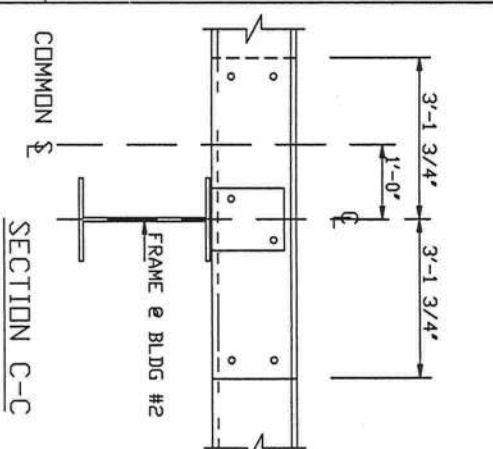
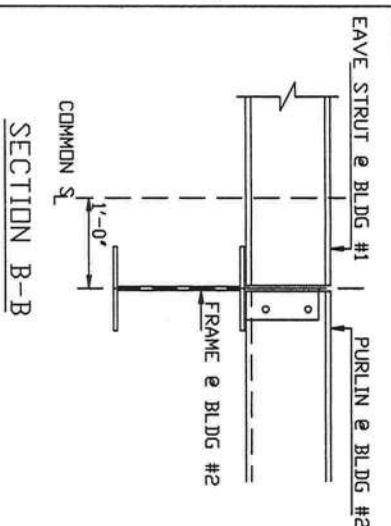
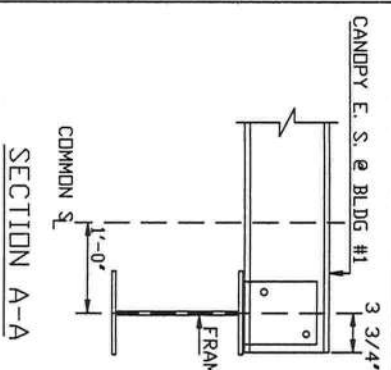
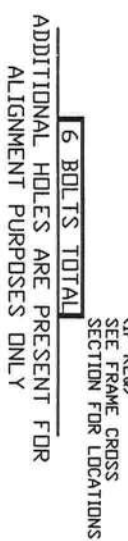
(B) ALL flange braces and wind bracing must be installed prior to exterior finishes being applied.

REVISIONS					
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR APPD

DRAWING STATUS	LIFETIME STEEL BLDGS	LIFETIME STEEL BLDGS
☐ FOR CONSTRUCTION ☒ FOR PERMIT ONLY ☐ FOR APPROVAL ☐ OTHER, EXPLAIN _____	PROJECT 6000' x 1213' x 172'	BUILDING CROSS SECTION
	ID 19066-1	DESIGN: DRAFTSMAN/RMD CHECK:
	PROJECT LAKE CITY, FL 32024	DATE: 10/07/08 SHEET
	ADDRESS	

OCT 09 2008

SEAL



EXTENSION/CANOPY BOLTS			
ROOF PLAN		QUAN	TYPE DIA
MARK			LEN
EB-2		4	A325 5/8" 1
EB-3		8	A325 5/8" 1
EB-4		4	A325 5/8" 1
EB-7		4	A325 5/8" 1
EB-8		4	A325 5/8" 1

TRIM TABLE			
ROOF		LENGTH	DET
QID	MARK		
1	FL-214	10'-2"	

ROOF		
ID	MARK	LENGTH
1	FL-214	10'-2"

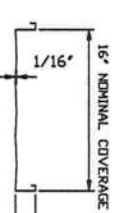
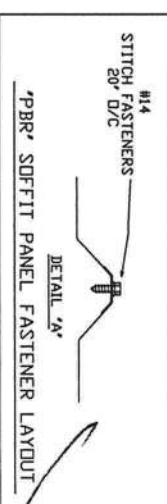
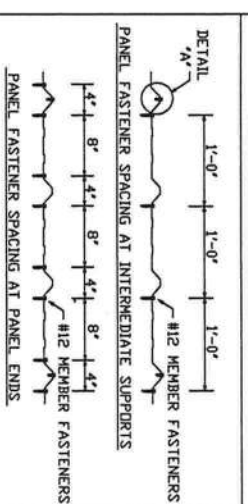
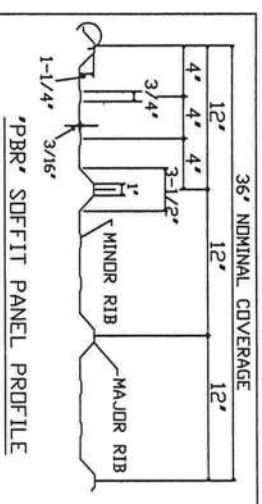
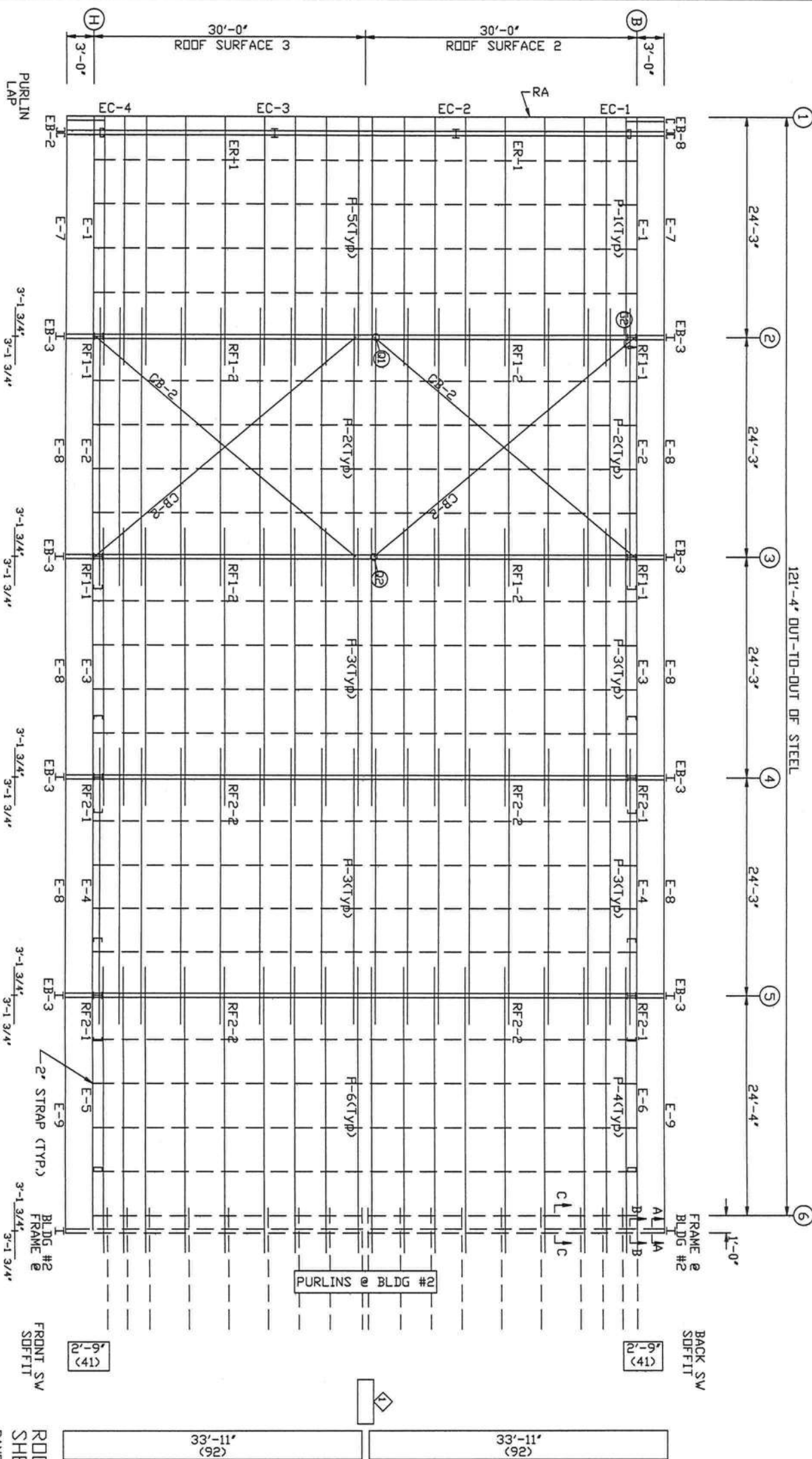
ROOF PLAN		
MARK	PART	LENGTH
EB-1	8X4CH16	3'-5 5/8"

EB-8	8x50D16	3'-9	5/8"
EB-9	8X4CH16	3'-5	5/8"
P-1	8X25Z14	27'-4	1/2"

P-6	8X25Z15	30'-7	1/2
P-5	8X25Z14	27'-4	1/2
P-4	8X25Z15	30'-7	1/2
P-3	8X25Z15	30'-7	1/2

E-1	825E350D16	22'-7	1/2
E-2	825E350D16	23'-7	1/2
E-3	825E350D16	23'-7	1/2
E-4	825E350D16	23'-7	1/2

E-5	825E350D16	22-8	1/2
E-6	825E350D16	22-8	1/2
E-7	8X35C12	23-11'	
E-8	8X25C12	23-7	1/2
E-9	8X35C12	25-0'	
CB-2	0.312CBL	38-5'	



BATTEN-LOK
STANDING SEAM
ROOF PANEL

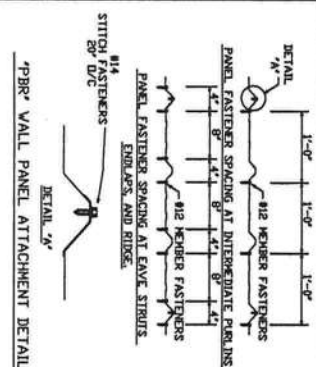
NOTE:
REFER TO M.B.C.I. BATTEN-LOK TECHNIC
MANUAL FOR FASTENING INSTRUCTIONS.
IMPROPER INSTALLATION VOIDS WARRANTY.

OCT 09 2008

ROOF FRAMING PLAN

REVIEWS						
REV.	DESCRIPTION	DATE	DTR	DATE	CHKR	APPD
DRAWING STATUS						
☐ FOR CONSTRUCTION						
☒ FOR PERMIT ONLY						
☐ FOR APPROVAL						
☐ OTHER, EXPLAIN						

LIFETIME STEEL BLDGS						
PROJECT		6000' x 1213 x 172				
ID		1906-1				
PROJECT ADDRESS		LAKE CITY, FL 32024				
LIFETIME STEEL BLDGS						
ROOF FRAMING			DESIGN			
			DRAFTSMAN/MMD		CHECK	
DATE			10/07/08		SHEET	

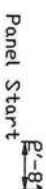


EDN WALL PANEL ALIGNMENT DELETED

6 BOLTS TOTAL



SIDEWALL FRAMING: FRAME LINE H



PANELS: 26 Ga. PBR - NEED KYNAR COLOR

(1.) IF CABLE BRACING, WIND BENTS, WIND COLUMNS, OR WEAK AXIS DESIGN OF SIDE WALL COLUMNS WERE NOT PROVIDED IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED

LIFETIME STEEL BLDGS	LIFETIME STEEL BLDGS
PROJECT 60.00' x 121.3' x 17.2'	SIDEWALL FRAMING
ID 19066-1	DESIGN BRATFARN/MMD
PROJECT LANE CITY, FL 32024	CHECK
ADDRESS	DATE 10/07/08
	SHEET

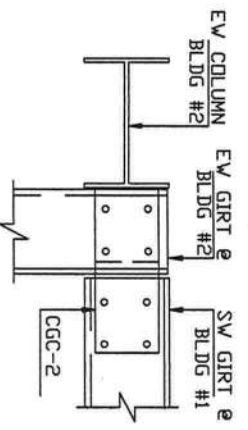
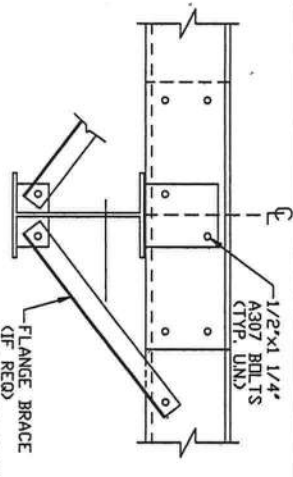
BULB TABLE		QUAN	TYPE	DIA	L
LOCATION	FRAME LINE H				
WF-1	WF-2	8	A325	3/4"	2
WF-1	RF-1	4	A325	5/8"	1

TRIM TABLE		LENGTH	DET
FRAME LINE	OLD MARK	H	
1	TBD	3'-6"	
2	TBD	11'	
3	TBD	1'-7"	
3	TBD	2'-1"	
4	CTR	8'-9"	
5	JTR	8'-9"	TM2
6	FL-245	6'	TM3
7	FL-248H	20'-2"	
8	JTR	5'-6"	
9		14'-3"	TM3
10	HT	20'-3"	
11	HT	1'-7"	
12	HT		

MEMBER TABLE		
FRAME LINE H		
MARK	PART	LENGTH
W-1	W168x41	21'-7"
W-2	W168x41	15'-2 1/2"
DJ-1	8x35C14	16'-6 3/4"
DJ-2	8x35C16	16'-6 3/4"
DJ-3	C8X11.5	16'-6 3/4"
DH-1	8x35C16	14'-0"
E-1	825E350D16	22'-7 1/2"
E-2	825E350D16	23'-7 1/2"
E-3	825E350D16	23'-7 1/2"
E-4	825E350D16	23'-7 1/2"
E-5	825E350D16	22'-8 1/2"
E-10	825E350D16	1'-4 1/2"
G-6	8X40C14	24'-2 1/2"
G-7	8X25C15	26'-4 1/2"
G-8	8X25C16	26'-4 1/2"
G-9	8X40C14	24'-2 1/2"
G-10	8X25C15	29'-7"
G-11	8X25C16	29'-7"
G-12	8X25C16	3'-2"
G-13	8X25C16	6'-5"
G-14	8X25C16	10'-0 1/2"
G-15	8X25C16	3'-7"
G-16	8X25C16	6'-0"
G-17	8X25C16	10'-8 1/2"
G-18	8X25C16	4'-8"
G-19	8X25C16	5'-0"
G-20	8X25C16	5'-0"

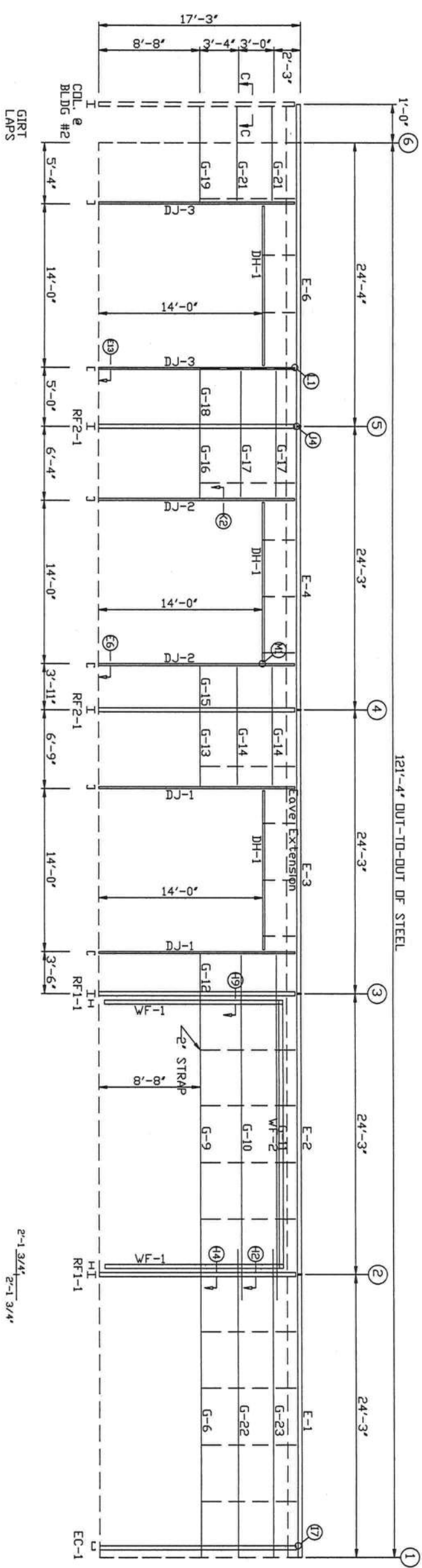
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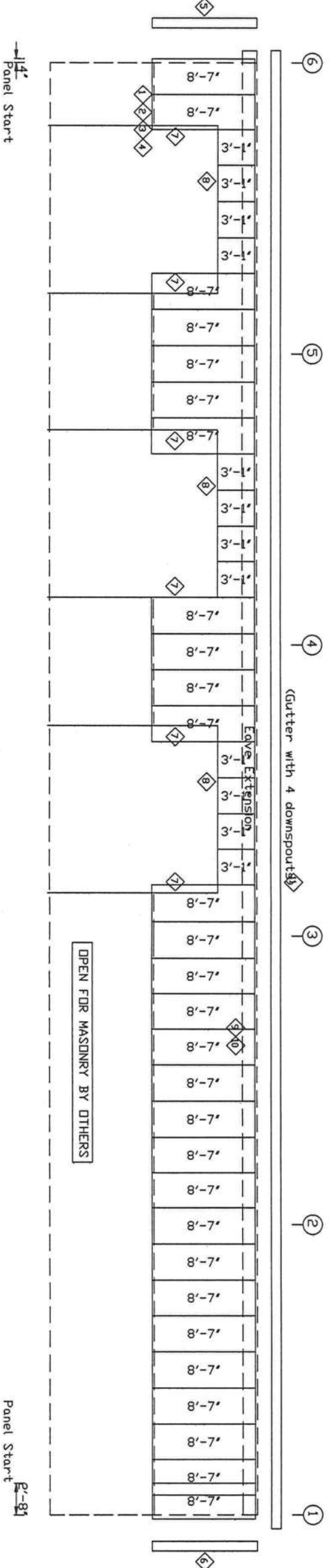


SECTION C-C

6 BOLTS TOTAL
ADDITIONAL HOLES ARE PRESENT FOR
ALIGNMENT PURPOSES ONLY



SIDEWALL FRAMING: FRAME LINE B



SIDEWALL SHEETING & TRIM: FRAME LINE B

PANELS: 26 Ga. PBR - NEED KYMAR COLOR

GENERAL NOTES:
(1) IF CABLE BRACING, WIND BENTS, WIND COLUMNS, OR WEAK AXIS DESIGN OF SIDE WALL COLUMNS WERE NOT PROVIDED IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED.

REVISIONS						DRAWING STATUS					
REV.	DESCRIPTION	DATE	DLTR	DATE	CHKR	APPD	☐ FOR CONSTRUCTION	☒ FOR PERMIT ONLY	☐ FOR APPROVAL	☐ OTHER, EXPLAIN	

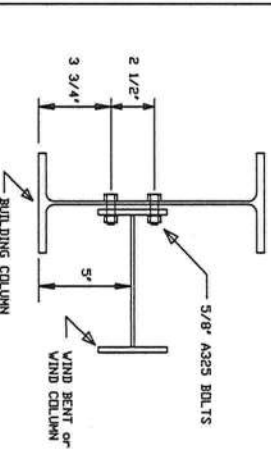
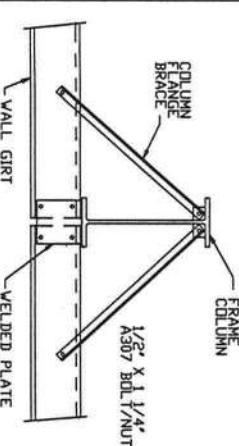
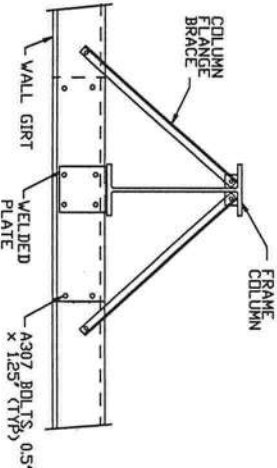
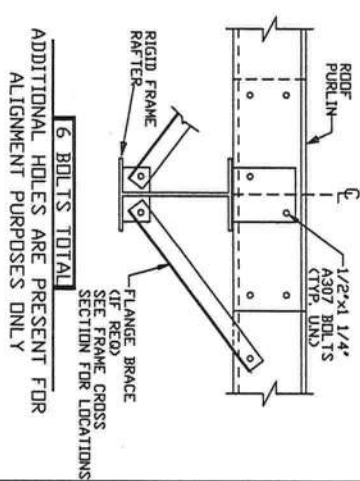
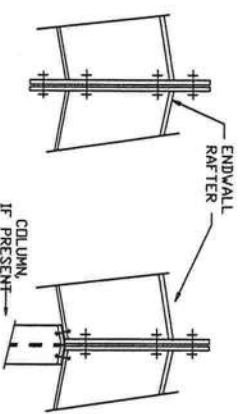
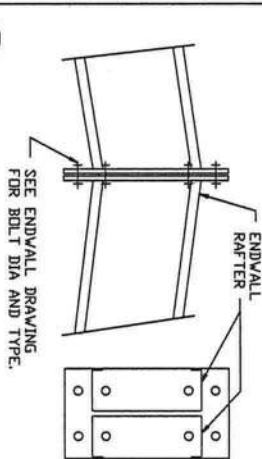
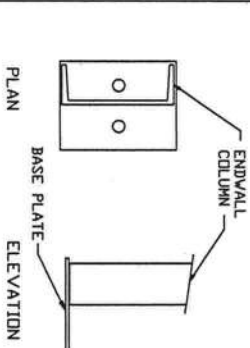
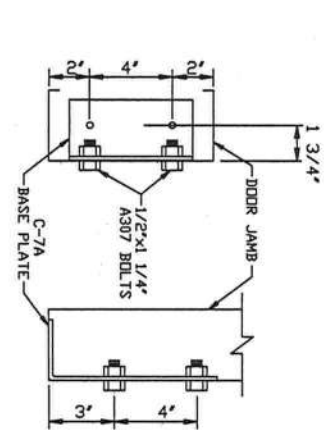
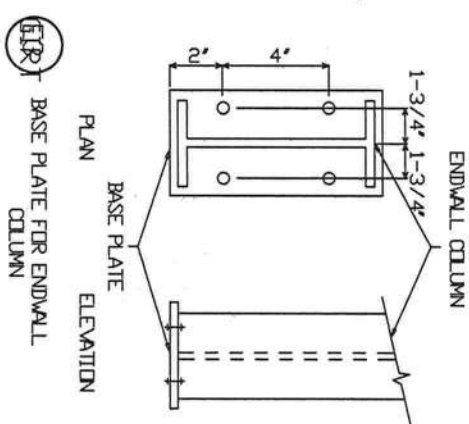
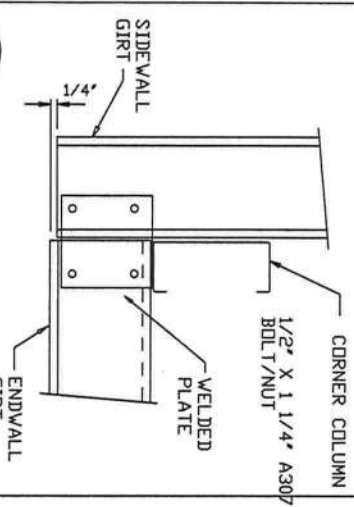
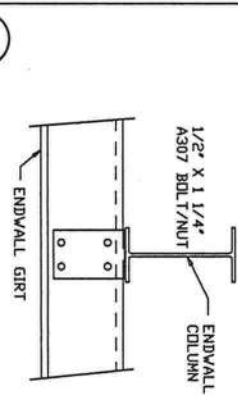
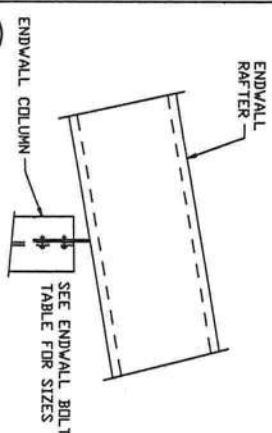
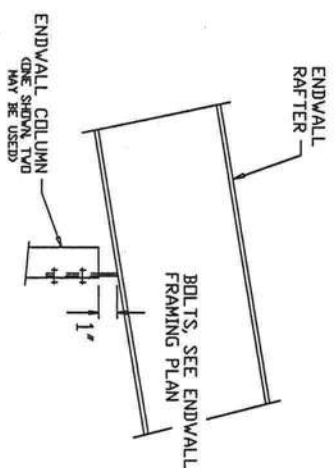
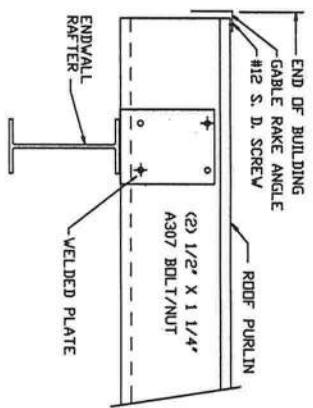
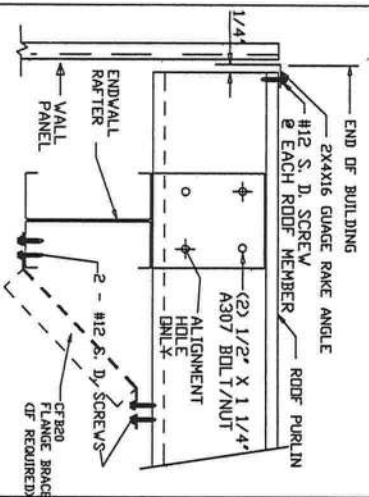
BOLT TABLE			
FRAME LINE B	LOCATION	QUAN	TYPE DIA
WF-1	WF-2	8	A325 3/4"
WF-1	RF-1	4	A325 5/8"

TRIM TABLE			
FRAME LINE B	ITEM	LENGTH	DET
1	TBD	3'-6"	
2	TBD	11'-7"	
3	TBD	1'-7"	
4	TBD	2'-1"	
5	JTR	8'-9"	TM3C
6	CTR	8'-9"	TM2C
7	JTR	5'-6"	TM31
8	HT	14'-3"	TM3C
9	HT	20'-3"	
10	HT	1'-7"	
11	FL-248H	20'-2"	

MEMBER TABLE			
FRAME LINE B	PART	LENGTH	
WF-1	W18x41	15'-7"	
WF-2	W16x41	21'-2 1/2"	
DJ-1	8x35C14	16'-6 3/4"	
DJ-2	8x35C16	16'-6 3/4"	
DJ-3	8x35C16	16'-6 3/4"	
DH-1	8x35C16	14'-0"	
E-1	8x35C16	22'-7 1/2"	
E-2	8x35C16	23'-7 1/2"	
E-3	8x35C16	23'-7 1/2"	
E-4	8x35C16	23'-7 1/2"	
E-6	8x35C16	22'-8 1/2"	
E-10	8x35C16	24'-4 1/2"	
G-6	8x40C14	24'-2 1/2"	
G-9	8x40C14	24'-2 1/2"	
G-10	8x25Z15	29'-7"	
G-11	8x25Z16	29'-7"	
G-12	8x25C16	3'-2"	
G-13	8x25C16	6'-5"	
G-14	8x25Z16	10'-0 1/2"	
G-15	8x25C16	3'-7"	
G-16	8x25C16	6'-0"	
G-17	8x25Z16	10'-8 1/2"	
G-18	8x25C16	4'-8"	
G-19	8x25C16	5'-0"	
G-21	8x25Z16	5'-0"	
G-22	8x25Z15	26'-4 1/2"	
G-23	8x25Z16	26'-4 1/2"	

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REVISIONS						
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPRD

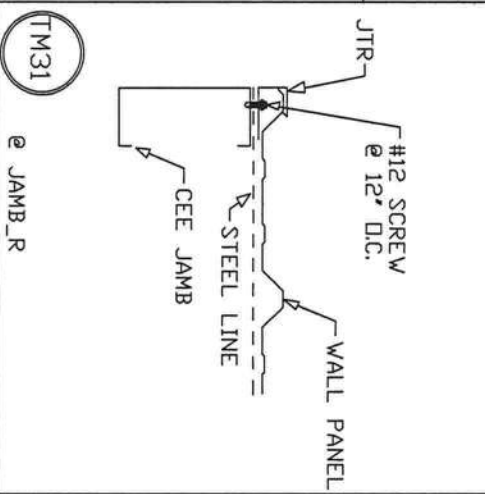
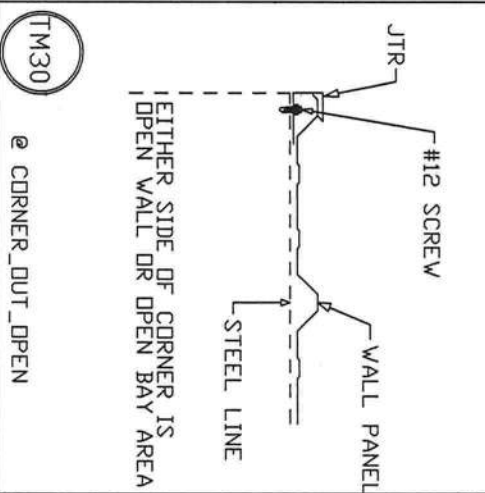
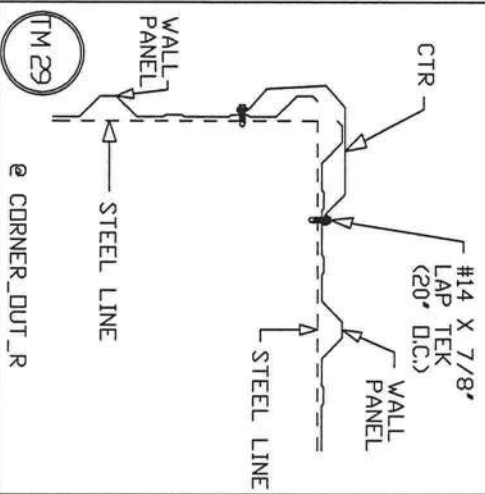
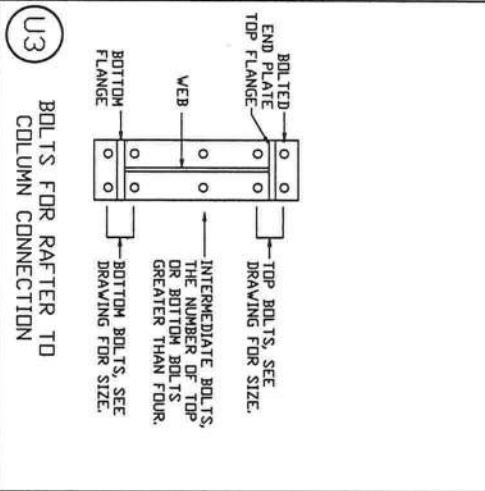
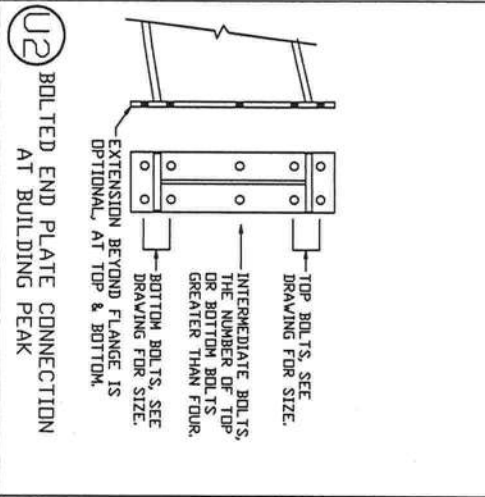
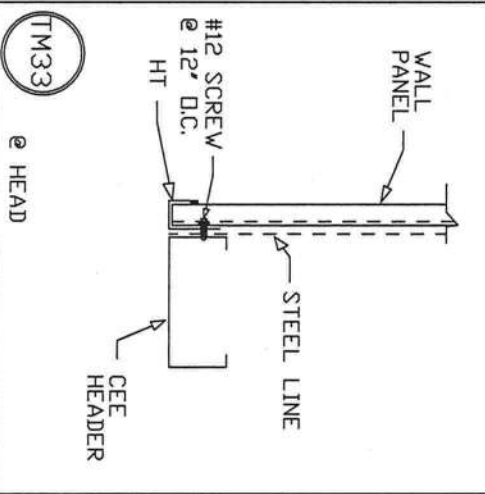
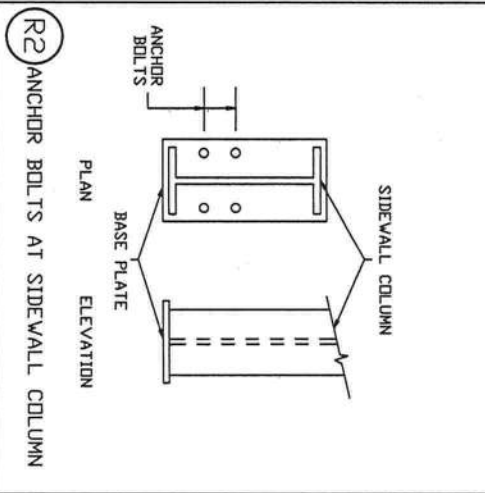
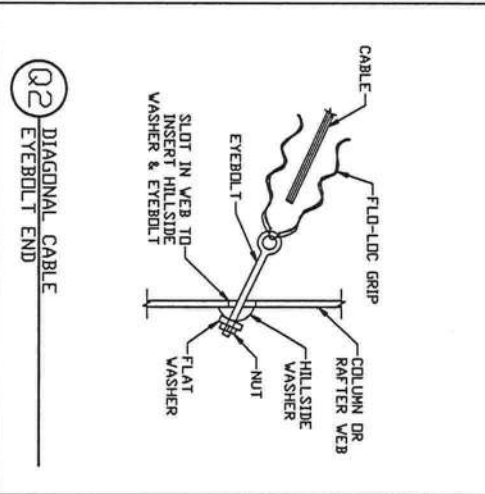
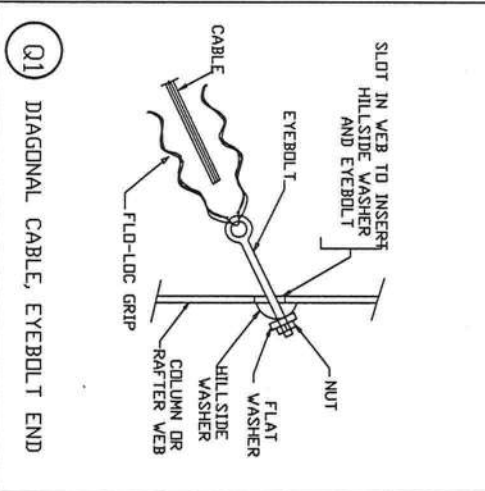
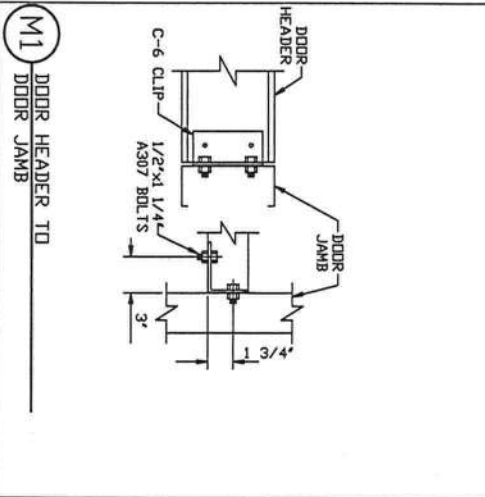
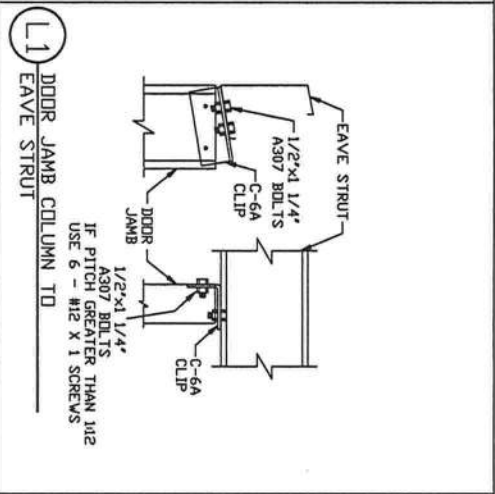
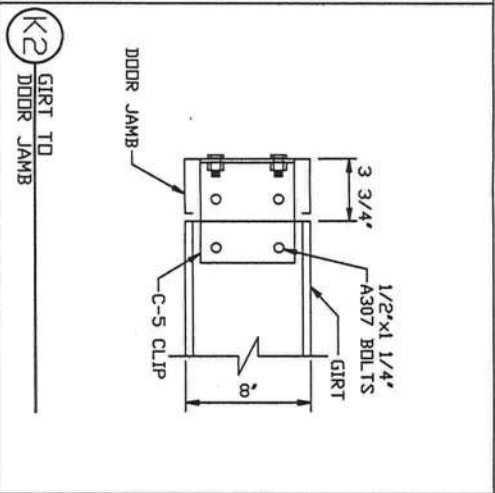
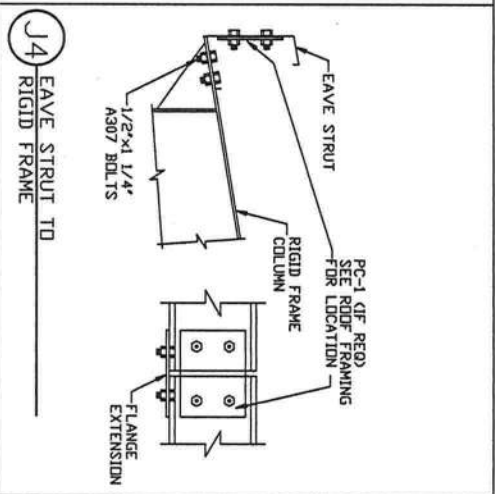
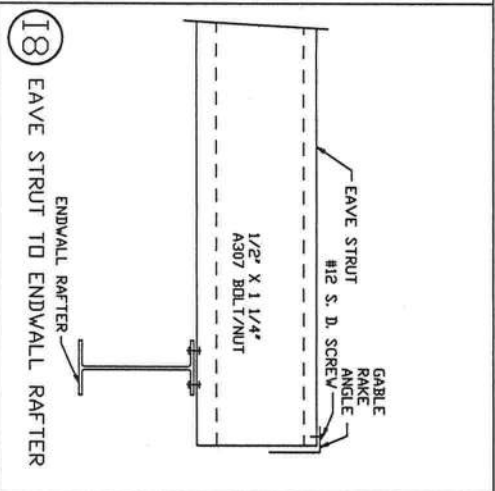
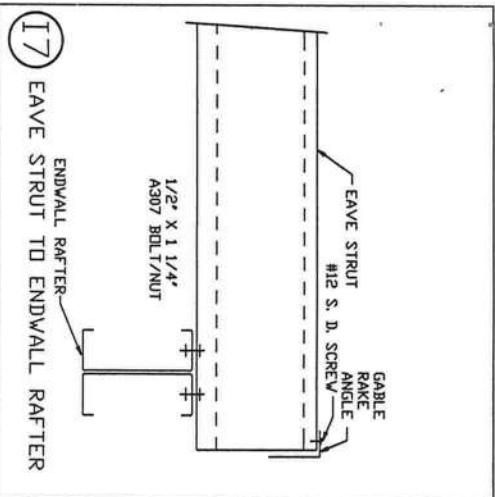
DRAWING STATUS ☐ FOR CONSTRUCTION ☐ FOR PERMIT ONLY ☐ FOR APPROVAL ☐ OTHER, EXPLAIN -----	LIFETIME
	PROJECT
	ID
	PROJECT ADDRESS

STEEL BLDGS	LIFETIME STEEL BLDGS	
6000' x 1213 x 172	Detail Page	
19066-1	DRAFT/ARM/AMD	CHECK/
LAKE CITY, FL 32024	DATE: 10/07/08	SHEET

LIFETIME STEEL BLDGS		
Detail Page		
DESIGN	DRAFT/ARM/MMD	CHECK
DATE	10/07/08	SHEET

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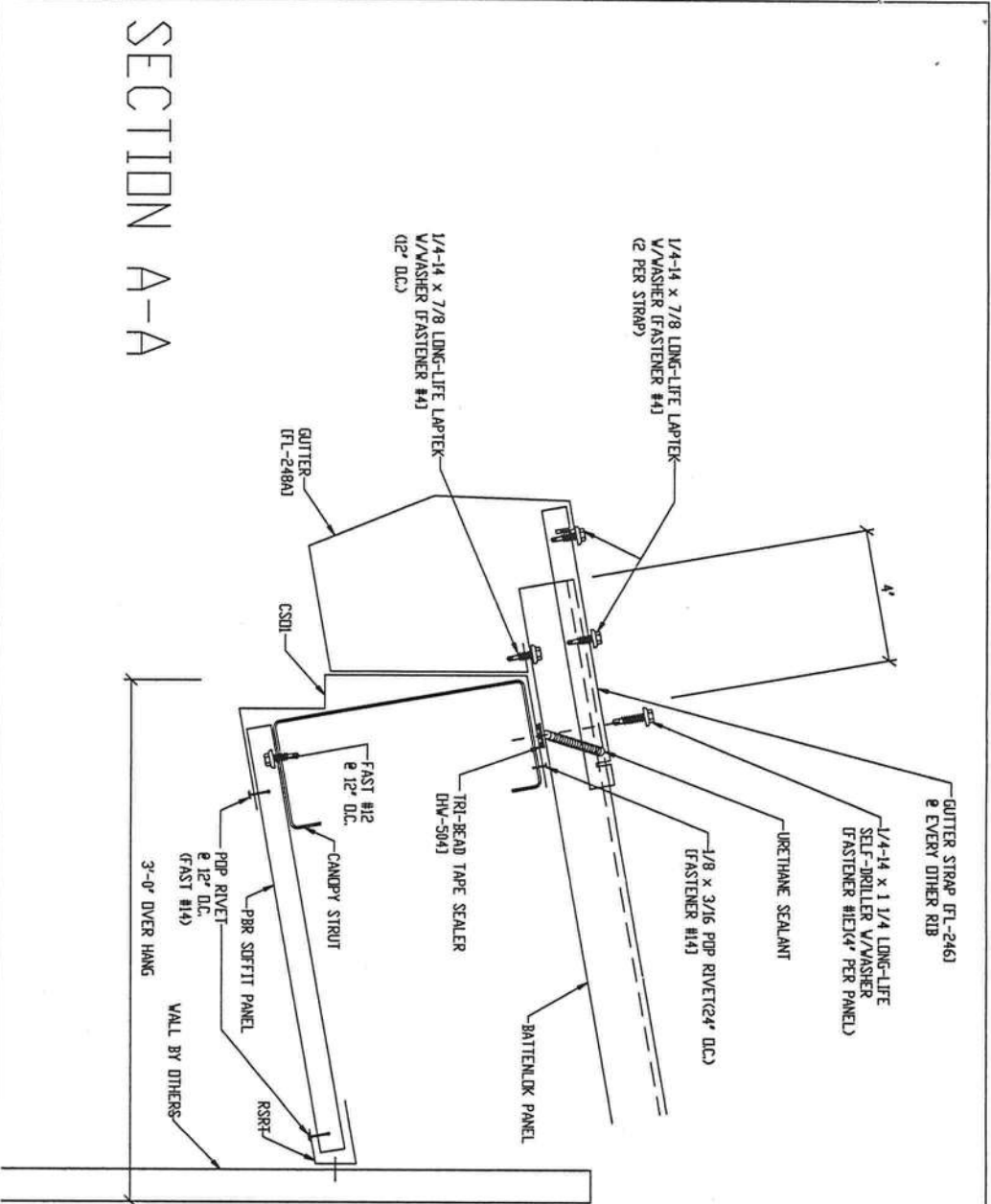
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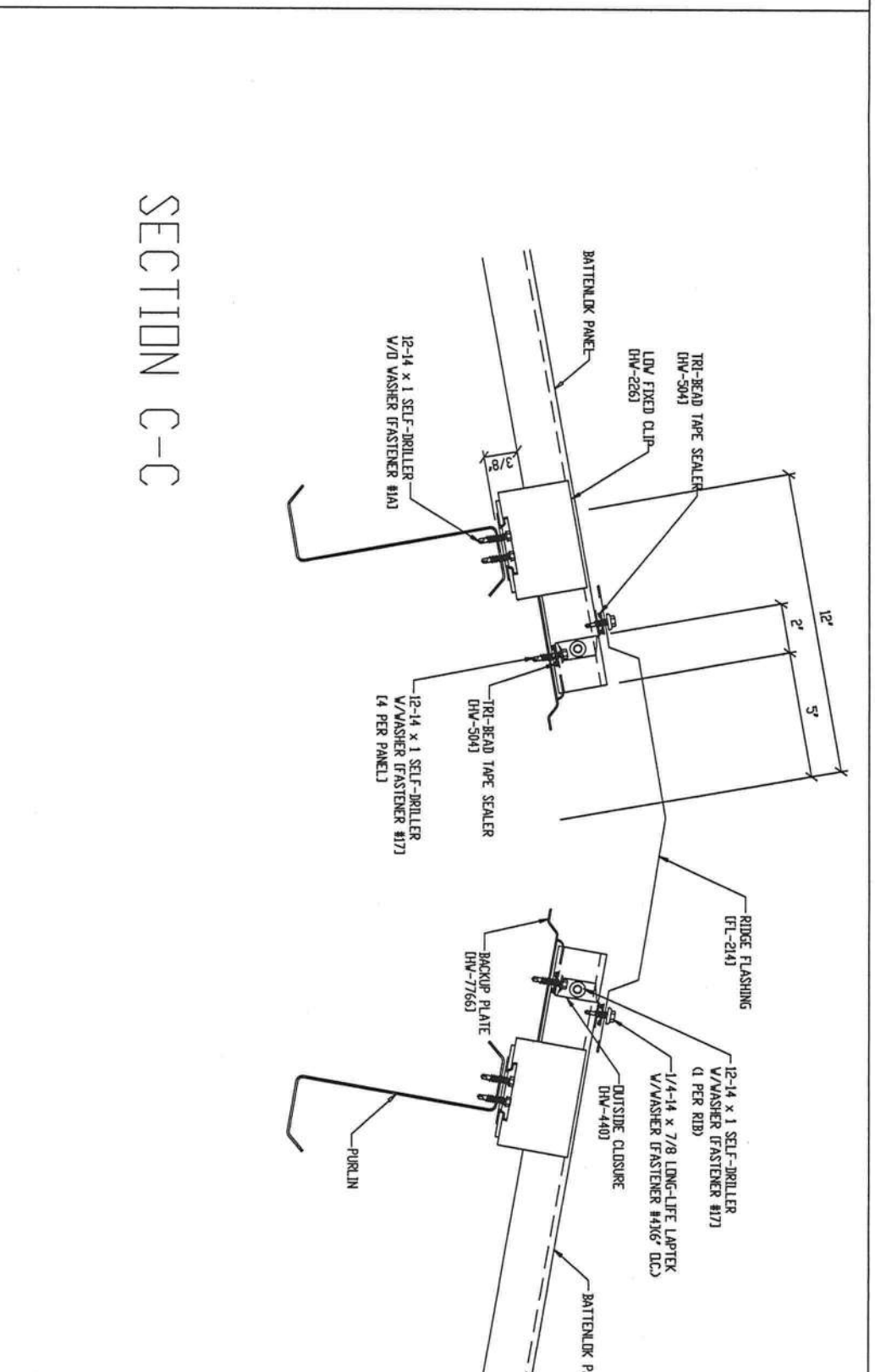
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REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD	☐ FOR CONSTRUCTION	☒ FOR PERMIT ONLY	☐ FOR APPROVAL	☐ OTHER, EXPLAIN	PROJECT	6000' x 1213 x 172	Detail Page	DRAFTSMAN/MND	CHECK
											PROJECT	19066-1	DESIGN	DRAFTSMAN/MND	CHECK
											ADDRESS	LAKE CITY, FL 32024	DATE	10/07/08	SHEET

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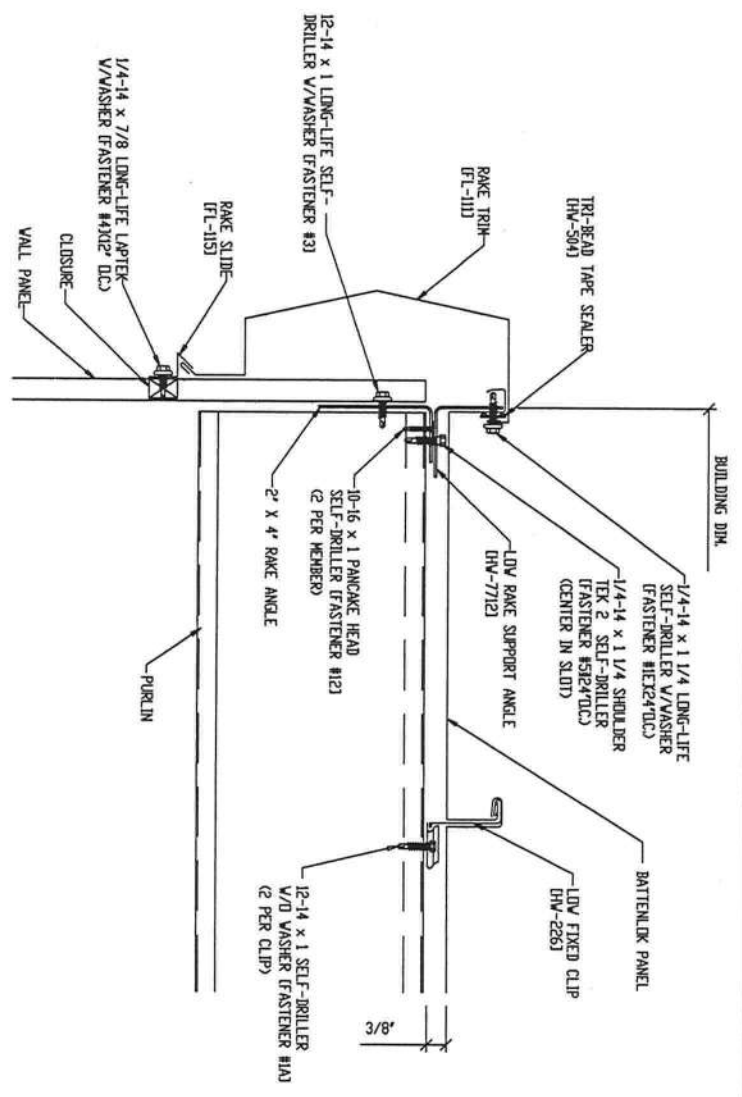
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SECTION A-A



SECTION C-C

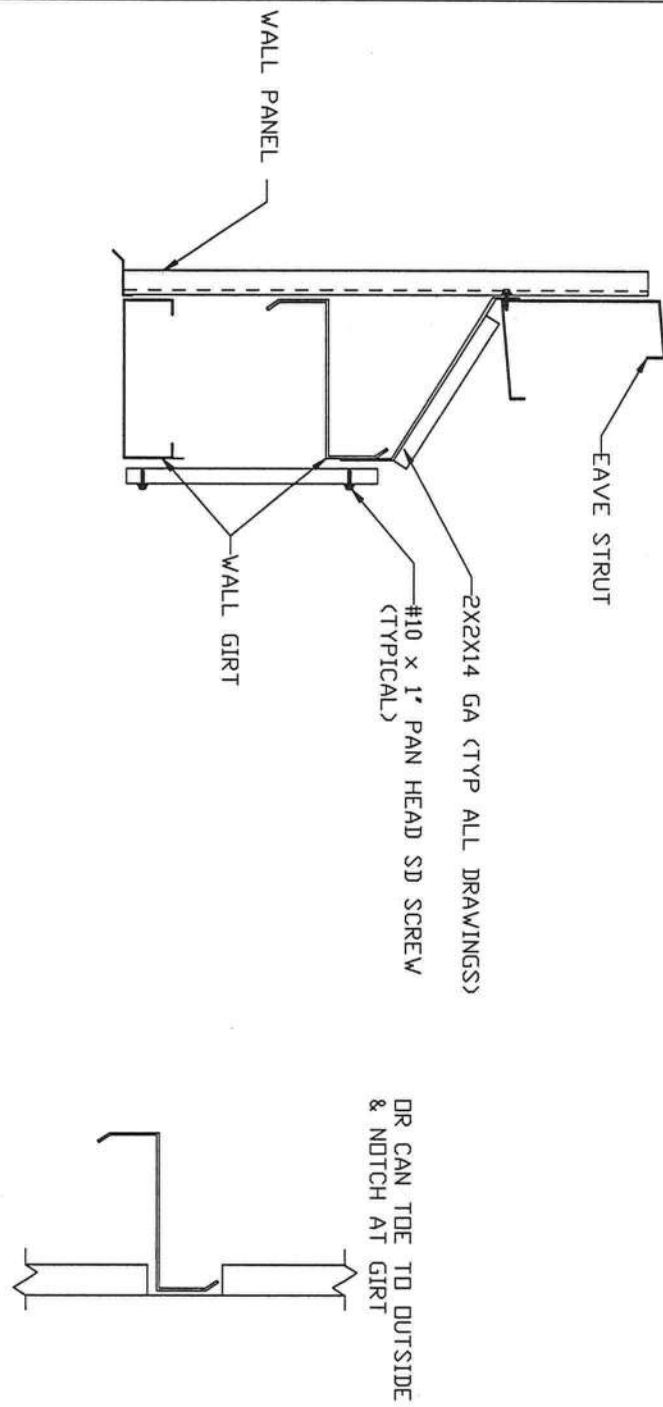


SECTION B-B

REVISIONS						DRAWING STATUS						LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
REV.	DESCRIPTION	DATE	DTLR	DATE	CHKR	APPD	[] FOR CONSTRUCTION	[X] FOR PERMIT ONLY	[] FOR APPROVAL	[] OTHER, EXPLAIN		PROJECT ID	6000' x 1213 x 172	Detail Page	DRAFTSMAN/MD CHECK
												PROJECT ADDRESS	LAKE CITY, FL 32024	DATE: 10/07/08	SHEET

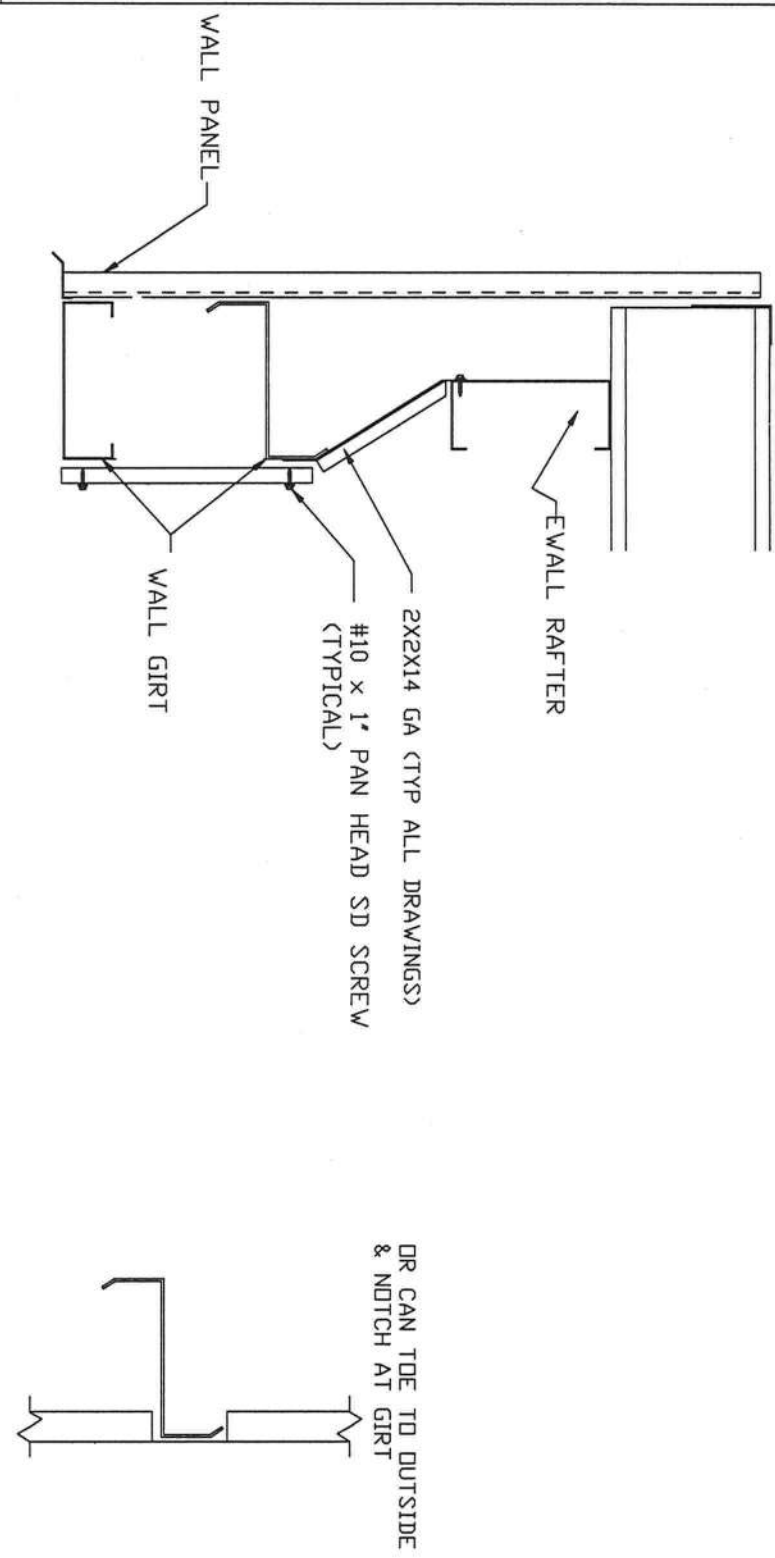
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TYPICAL SIDE WALL STRAPPING W/OPEN CONDITION
(SUCTION)

6-D-3



TYPICAL END WALL STRAPPING W/OPEN CONDITION
WITH COLD ROLLED RAFTER
(SUCTION)

6-D-6

REVISIONS					
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR

DRAWING STATUS					

LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	6000' x 1213' x 17'2"	PROJECT	6000' x 1213' x 17'2"
ID	19066-1	ID	19066-1
PROJECT	LAKE CITY, FL 32024	PROJECT	LAKE CITY, FL 32024
ADDRESS		ADDRESS	

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[Signature]

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ENGINEERING CALCULATIONS

LIFETIME STEEL BLDGS
Job Number 19066-2
End User LIFETIME STEEL BLDGS
Job Location: LAKE CITY, FL 32024

DATE: 9/29/08
DESIGNED BY: BLS
CHECKED BY: DB
DRAWN BY: ARM/MMD

DESIGN PARAMETERS	COMMENTS
BUILDING DESCRIPTION:	
NOMINAL WIDTH:	70 feet
NOMINAL LENGTH:	50.67 feet
EAVE HEIGHT, BACK S.W.:	16 feet
EAVE HEIGHT, FRONT S.W.:	16 feet
ROOF SLOPE, LEFT:	3.0:12
ROOF SLOPE, RIGHT:	3.0:12

DESIGN LOADS

BUILDING CODE:	FBC 06	SNOW :	
FRAME SELF WEIGHT:	INCLUDED	FLAT ROOF SNOW LOAD	Pf : NR psf
ROOF DEAD LOAD:	2.000 psf	GROUND SNOW LOAD	Pg : 0.0000 psf
COLLATERAL LOAD:	1 psf	SNOW LOAD IMP. FACTOR	NR
LIVE LOAD:	20.00 psf	THERMAL FACTOR	Ct : NR
SNOW LOAD, ROOF:	NR psf	SNOW EXP. FACTOR	Ce : NR
WIND SPEED (3 SEC GUST)	140 mph		
WIND EXPOSURE:	B		
CLOSURE 'C, D, P' :	Closed		
IMP. FACTOR, WIND :	1.15		
OCCUPANCY CATEGORY : IV -	ESSENTIAL FACILITIES		
SEISMIC PARAMETERS:			
SEISMIC IMPORTANCE:	1.50		
SEISMIC RESPONSE COEF. :	0.057		
SEISMIC DESIGN CATEGORY:	D		
DESIGNED SPECTRAL ACCELERATION PARAMETER 'SDS' -	(SHORT PERIODS) 0.1333		
DESIGNED SPECTRAL ACCELERATION PARAMETER 'SD1' -	(1 SEC PERIODS) 0.1008		
MAPPED SPEC. RESPONSE ACC. 'S1' -	(1 SEC PERIODS) 0.0630		
RESPONSE MODIFICATION FACTOR:	3.5		
SITE CLASS (ASSUMED) :	D		

BASIC SEISMIC-FORCE RESISTING SYSTEM MOMENT RESISTING FRAME
DESIGN BASE SHEAR : V=Cs * V
ANALYSIS PROCEDURE : EQUIVALENT LATERAL FORCE PROCEDURE

DRAWING RELEASE HISTORY

DATE SENT	REASON FOR RELEASE	REVISION	DATE	BY	DESCRIPTION
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DRAWING REVISIONS

DATE SENT	REASON FOR RELEASE	REVISION	DATE	BY	DESCRIPTION
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					

GENERAL NOTES

- MATERIALS**
STRUCTURAL STEEL PLATE
COLD FORMED LIGHT GAGE SHAPES
BRACE RODS
HOT ROLLED MILL SHAPES
ROOF AND WALL SHEETS
BOLTS
BUILT-UP MEMBERS

ASTM DESIGNATION
A529 DR A572 DR A570 DR A607
A570 DR A607
A572
A36 DR A572
A653 DR A792
A307, A325, AND A490
A570

GRADE 50
GRADE 55
GRADE 65, UNLESS NOTED
F_T = 36 KSI DR GRADE 50
GRADE 50
A307 UNLESS NOTED
GRADE 50 DR 55
- STRUCTURAL PRIMER**

SHOP PRIMER PAINT IS A RUST INHIBITIVE PRIMER AND ITS COLOR IS RED OXIDE.
THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.
- A325 BOLT TIGHTENING REQUIREMENTS**

ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE.

STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE TURN-OF-THE-NUT METHOD IN ACCORDANCE WITH THE 13th EDITION, AISC 'SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS', PER SECTION 8.2. A325 BOLTS MAY BE INSTALLED WITHOUT WASHERS WHEN TIGHTENED BY THE TURN-OF-THE NUT METHOD.

ALL HIGH STRENGTH BOLTS, EXCEPT AS NOTED OTHERWISE, ARE SUBJECT TO DIRECT TENSION AND MAY REQUIRE INSPECTION AS DEFINED BY THE APPLICABLE BUILDING CODE OR STANDARD. IT IS THE RESPONSIBILITY OF THE ERECTOR TO ASSURE PROPER TIGHTNESS.
- BUILDER/CONTRACTOR RESPONSIBILITIES**

THE METAL BUILDING MANUF.'S STANDARD PRODUCT SPECIFICATIONS APPLY AND UNLESS STIPULATED OTHERWISE IN THE CONTRACT DOCUMENTS, THE METAL BUILDING MANUF.'S DESIGN, FABRICATION, QUALITY CRITERIA STANDARDS AND TOLERANCES WILL GOVERN THE WORK.

IN CASE OF DISCREPANCIES BETWEEN METAL BUILDINGS MANUF. STRUCTURAL PLANS AND PLANS FOR OTHER TRADES, THE METAL BUILDING MANUF.'S PLANS SHALL GOVERN.

IT IS THE RESPONSIBILITY OF THE BUILDER / CONTRACTOR TO OBTAIN APPROPRIATE APPROVALS AND NECESSARY PERMITS FROM CITY, COUNTY, STATE, OR FEDERAL AGENCIES, AS REQUIRED.

APPROVAL OF METAL BUILDING MANUF.'S DRAWINGS CONSTITUTES THE BUILDER / CONTRACTOR'S ACCEPTANCE OF THE METAL BUILDING MANUF.'S INTERPRETATION OF THE CONTRACT PURCHASE ORDER.

ONCE THE BUILDER / CONTRACTOR OR A/E FIRM HAS SIGNED MANUF.'S APPROVAL PACKAGE, CHANGES FROM THE PURCHASE ORDER BY THE BUILDER WILL BE BILLED TO THE BUILDER / CONTRACTOR FOR MATERIAL, ENGINEERING AND HANDLING FEES. SUCH CHANGES MAY CAUSE THE PROJECT TO BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE. A PENALTY FEE MAY BE CHARGED IF THE PROJECT MUST BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE, AS LONG AS THE MANUF.'S DESIGN AND DETAILING APPROACH COMPLIES WITH THE PURCHASE ORDER.

THE BUILDER / CONTRACTOR OR A/E FIRM ARE RESPONSIBLE FOR THE OVERALL PROJECT CONDITION, ALL INTERFACE AND COMPATIBILITY CONCERNING ANY MATERIALS NOT FURNISHED BY THE MANUF. ARE TO BE CONSIDERED AND COORDINATED BY THE BUILDER / CONTRACTOR OR A/E FIRM, UNLESS SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS IS FURNISHED AS PART OF THE PURCHASE ORDER. THE METAL BUILDING MANUF.'S ASSUMPTIONS WILL GOVERN.

THE BUILDER / CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL OTHER PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITY. SUPPLYING SEALED ENGINEERING DESIGN DATA AND DRAWINGS BY THE BUILDING MANUF. DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUF. OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR THE CONSTRUCTION PROJECT. THESE DRAWINGS AND DESIGN DATA ARE SEALED AS TO THE STRUCTURAL SYSTEM FURNISHED BY THE METAL BUILDING MANUF. IN COMPLIANCE WITH ALL REQUIREMENTS OF THE PURCHASE ORDER.

THE BUILDER / CONTRACTOR IS RESPONSIBLE FOR SETTING OF ANCHOR BOLTS AND ERECTION OF STEEL BUILDING COMPONENTS IN ACCORDANCE WITH THE METAL BUILDING MANUF.'S 'FOR CONSTRUCTION' DRAWINGS. TEMPORARY SUPPORTS OR BRACING REQUIRED FOR THE BUILDING ERECTION WILL BE THE RESPONSIBILITY OF THE ERECTOR TO DETERMINE, FURNISH, AND INSTALL.

THE METAL BUILDING MANUF. DOES NOT WARRANT STRUCTURAL INTEGRITY OF ANY COMPONENTS FIELD MODIFIED OR DESIGNED AND FABRICATED BY OTHERS. NEITHER DO WE ACCEPT DESIGN RESPONSIBILITY FOR THE EFFECTS NON STANDARD COMPONENTS DESIGNED BY OTHERS MAY HAVE ON THE SYSTEM IN GENERAL.

SPECIAL NOTE:

BUILDING IS NOT STRUCTURALLY SOUND UNTIL ALL WALL COVERING, ROOF SHEETS, AND PERMANENT BRACING IS INSTALLED. BUILDER / CONTRACTOR IS RESPONSIBLE FOR SUPPORTS OR TEMPORARY BRACING DURING ERECTION. HE SHALL FURNISH, AND INSTALL THESE TEMPORARY SUPPORTS WHERE NECESSARY. TEMPORARY SUPPORTS ARE NOT PROVIDED BY THE METAL BUILDING MANUFACTURER.

FLORIDA PRODUCT APPROVAL INFORMATION

APPROVAL #	
22 GA. 22 BATTENLOCK PANEL - ROOF PANEL	FL 7353.1
26 GA. 26 PBR - WALL PANEL	FL 5335.1
9' X 10' RIDGE VENT	FL 8069.1

BLDG #1	BLDG #2
---------	---------

SHEETING			
ROOF PANEL:	PANEL TYPE	COLOR	
Gauge	22 BL-HS	NEED KYMAR COLOR	
WALL PANEL:	PANEL TYPE	COLOR	
Gauge	26 PBR	NEED KYMAR COLOR	
SOFFIT PANEL:	PANEL TYPE	COLOR	
Gauge	26 PBR	NEED KYMAR COLOR	
WALL TRIM COLOR:			
NEED KYMAR COLOR			
CABLE TRIM COLOR:			
NEED KYMAR COLOR			

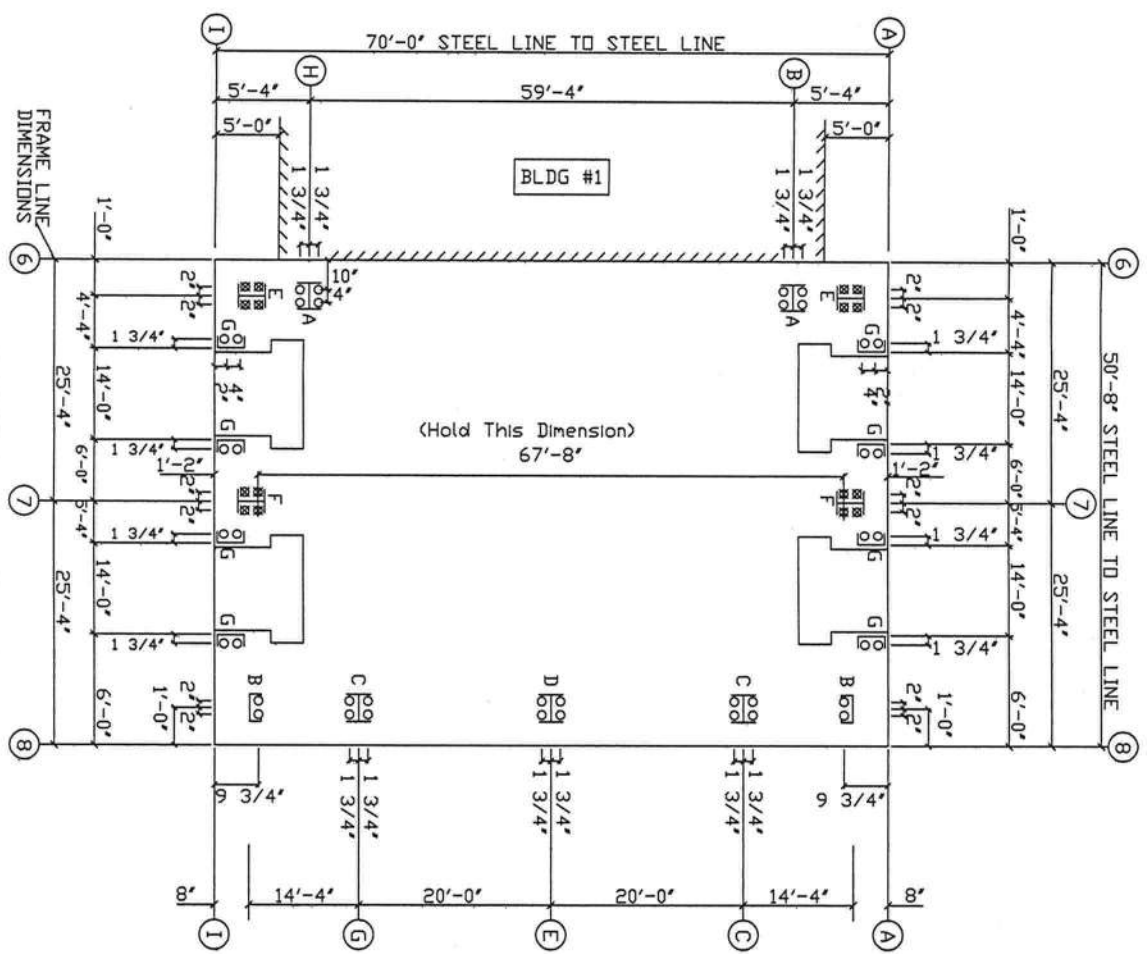
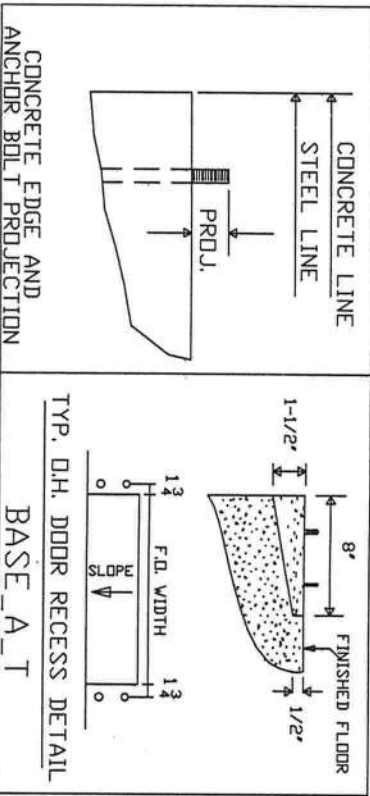
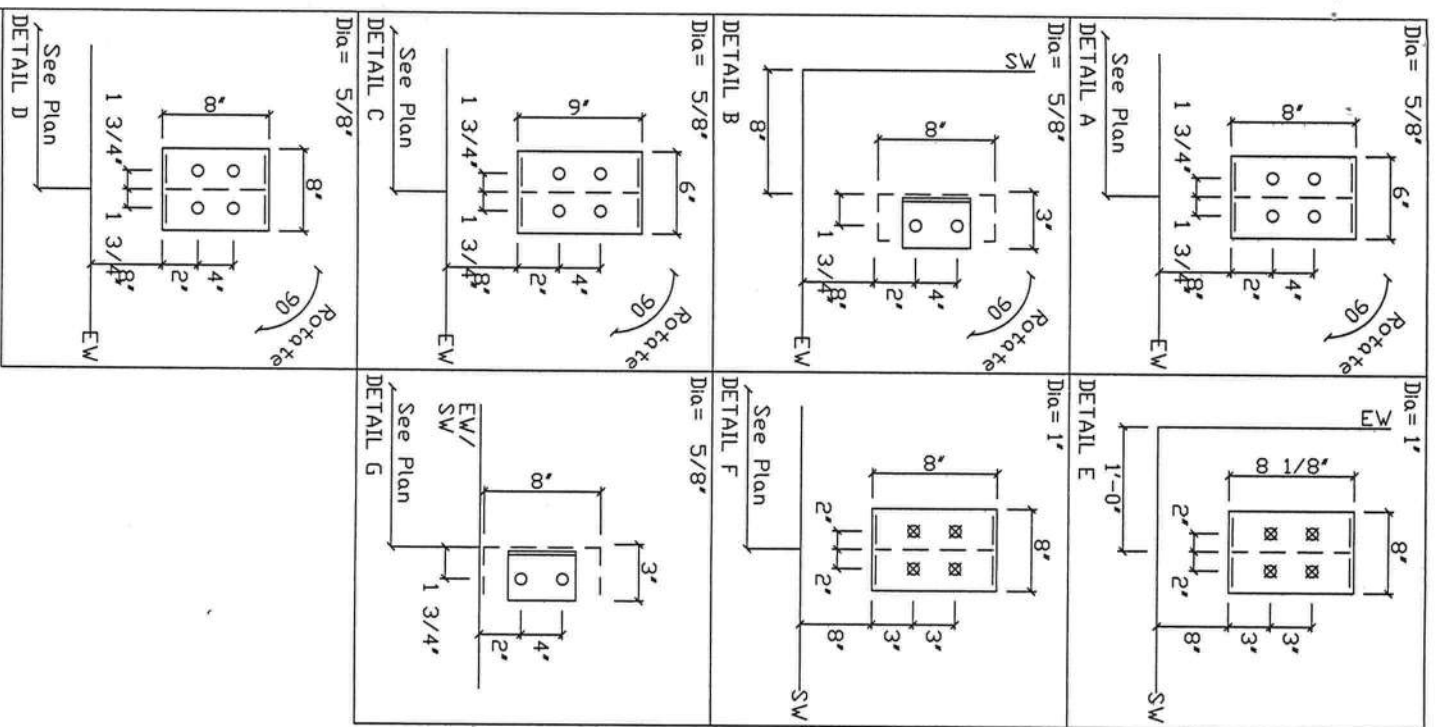
ENGINEER'S STAMP

OCT 09 2008



ANCHOR BOLT SUMMARY						
Ant		Loc	Dia (in)	Total Len (in)	Bend Len (in)	Pro Len (in)
Q 16	DJ		5/8"	9.00	3.00	3.0
O 24	EJ		3/8"	12.00	3.00	3.0
X 16	R ₁		1"	22.00	4.00	3.0

ANCHOR BOLT NOTES:
VALUES GIVEN FOR BEAMS AND ANCHOR BOLT TOTAL LENGTHS ARE SUGGESTED LENGTHS ONLY. IT IS THE RESPONSIBILITY OF THE FOUNDATION ENGINEER TO DETERMINE THESE VALUES SINCE THEY ARE A FUNCTION OF CONCRETE STRENGTH AND OTHER FACTORS.



REVISIONS				DRAWING STATUS			
REV.	DESCRIPTION	DATE	DTLR	DATE	CHKR	APPD	
							☒ FOR CONSTRUCTION
							☐ FOR PERMIT ONLY
							☐ FOR APPROVAL
							☐ OTHER, EXPLAIN

LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	7000' x 506' x 16'0	ANCHOR BOLT PLAN & DETAILS	
ID	19066-2	DESIGN	DRAFTARM/AMD
PROJECT ADDRESS	LAKE CITY, FL 32024	DATE: 9/29/08	CHECK: I
			SHEET
			1

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NOTES FOR REACTIONS

Building reactions are based on the following building data:	
Length (ft)	= 70.0
Width (ft)	= 50.7
Eave Height (ft)	= 16.0/16.0
Roof Slope (rise/run)	= 30/120
Dead Load (psf)	= 10
Roof Live Load (psf)	= 20
Roof Live Load (psf)	= 20
Wind Speed (mph)	= 140
Wind Code (3 sec gust)	= FBC 06
Exposure	= B
Closed/Open	= C
Importance	= 1.15
Seismic Coeff (F _{max})	= 0.20

GENERAL NOTES

- (1) APPLICATION OF ENGINEERS SEAL IS FOR METAL BUILDING ONLY AND DOES NOT REPRESENT THE PROFESSIONAL OF RECORD.
- (2) FOUNDATION DESIGN AND CONSTRUCTION ARE NOT THE RESPONSIBILITY OF THE METAL BUILDING MANUFACTURER.
- (3) ANCHOR BOLTS SHALL BE ACCURATELY SET TO A TOLERANCE OF +/- 1/8" IN BOTH ELEVATION AND LOCATION.
- (4) THE BUILDING REACTION DATA REPORTS THE LOADS WHICH THIS BUILDING PLACES ON THE FOUNDATION. THE FOUNDATION IS TO BE DESIGNED BY A QUALIFIED ENGINEER TO SUPPORT THE BUILDING REACTIONS IN ADDITION TO OTHER LOADS IMPOSED BY THE BUILDING USE OR OCCUPANCY WITH RESPECT TO JOB SITE CONDITIONS.
- (5) ALL ANCHOR BOLTS TO BE ASTM SPECIFICATION A307 UNLESS OTHERWISE NOTED.
- (6) VALUES GIVEN FOR BENDS AND ANCHOR BOLT TOTAL LENGTHS ARE SUGGESTED LENGTHS ONLY. IT IS THE RESPONSIBILITY OF THE FOUNDATION ENGINEER TO DETERMINE THESE VALUES SINCE THEY ARE A FUNCTION OF CONCRETE STRENGTH AS WELL AS OTHER FACTORS.

Protection of Opening

This building is located in a wind-borne debris region. Exterior glazing is assumed to be impact resistant and meet the provisions of the missile test, or they should be protected by impact resistant covering meeting the requirements of SSTD 12, ASTM E 1886 and ASTM 1996 or Miami-Dade PA 201, 202, & 203.

Openings may also be protected by structural wood panels having a min. thickness of 7/16" and maximum panel span of 8 feet. Attachment hardware and fastening schedule shall be in accordance with the following table.

WIND-BORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS (PLYWOOD)

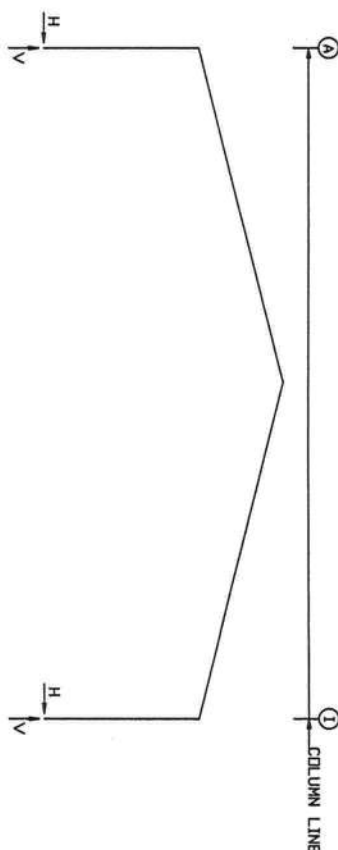
FASTENER TYPE	FASTENER SPACING (in.) ^{1,2}			
	PANEL SPAN < 2ft	2ft< PANEL SPAN < 4 ft.	4ft< PANEL SPAN < 6 ft.	6ft< PANEL SPAN < 8 ft.
#8 Wood screw-based anchor with 2" embedment length.	16	16	10	8
#10 Wood screw-based anchor with 2" embedment length.	16	16	12	9
1/4" Lag screw-based anchor with 2" embedment length.	16	16	16	16

SI: 1 inch=25.4 mm 1 foot=305 mm

Notes:

- 1.) This table is based on a maximum wind speed of 140 m.p.h. (63 m/s) and mean roof height of 45 feet (13.716 m) or less.
- 2.) Fasteners shall be installed at opposing ends of the wood structural panel.
- 3.) Where screws are attached to masonry or stucco, they shall be attached using vibration-resistant anchors having a minimum withdrawal capacity of 490 lb. (2180 kN).

FRAME LINES 6 7



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Line	Col	Anchor Bolt	Base Plate	Base Plate	GROUT
Line	No	Size	Len	Thk	(cu)
6	A	4	1.000	8.000	8.130
7	I	4	1.000	8.000	8.130

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Line	Col	Anchor Bolt	Base Plate	Base Plate	GROUT
Line	No	Size	Len	Thk	(cu)
7	A	4	1.000	8.000	8.004
7	I	4	1.000	8.000	8.004

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Line	Col	Dead	Live	Wind	Seismic	Wind	Seismic
Line	No	Size	Len	Thk	(cu)	Size	Len
6	A	4	1.000	8.000	8.004	0.625	0.0
7	I	4	1.000	8.000	8.004	0.625	0.0

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Line	Col	Dead	Live	Wind	Seismic	Wind	Seismic
Line	No	Size	Len	Thk	(cu)	Size	Len
6	A	4	1.000	8.000	8.004	0.625	0.0
7	I	4	1.000	8.000	8.004	0.625	0.0

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Line	Col	Anchor Bolt	Base Plate	Base Plate	GROUT
Line	No	Size	Len	Thk	(cu)
6	A	4	1.000	8.000	8.004
7	I	4	1.000	8.000	8.004

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SEAL

REVISIONS

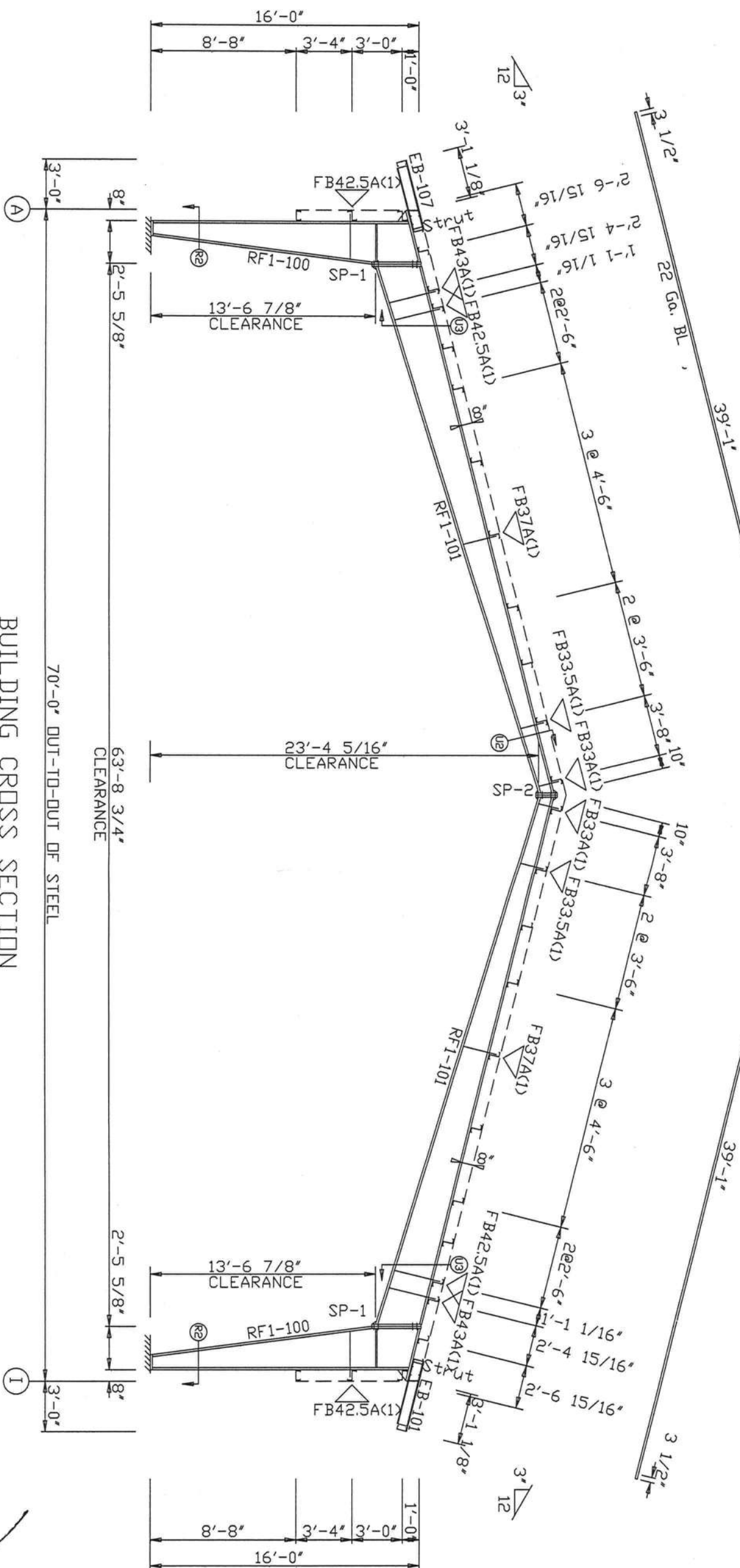
REV.	DESCRIPTION	DATE	DLR	DATE	CHK	APP

DRAWING STATUS

SPLICE BOLTS				-----Bolt-----			
Splice Mark	Quan	Top/Bot/Int	Type	Dia	Len		
SP-1	4	4	0	A325	0.875	2.50	
SP-2	4	4	0	A325	0.625	1.75	

FLANGE BRACES:
 FBxxA(1): xx=INCHES, (1)=ONE SIDE ONLY
 A - L2X2X14G

MEMBER SIZE TABLE (in)				OUTSIDE FLANGE		INSIDE FLANGE	
PIECE	WEB DEPTH	WEB THICK	PLATE LENGTH	W x T x LEN		W x T x LEN	
RF1-100	7.5/29.0	0.188	158.3	6x5/16"x184.9		6x5/16"x159.7	
RF1-101	29.0/29.0	0.250	33.9	6x3/8" x 38.4		6x5/16"x240.0	
	29.0/16.0	0.250	240.0	6x5/16"x240.0		6x1/4" x158.7	
	16.0/ 7.5	0.250	160.0	6x5/16"x152.7			



BUILDING CROSS SECTION
 FOR FRAME LINE 6

GENERAL NOTES:

- * NOTICE TO ERECTOR *
- (A) It is IMPORTANT that for members exceeding 30 ft. in length that a spreader bar be used when lifting.
- (B) All flange braces and wind bracing must be installed prior to exterior finishes being applied.

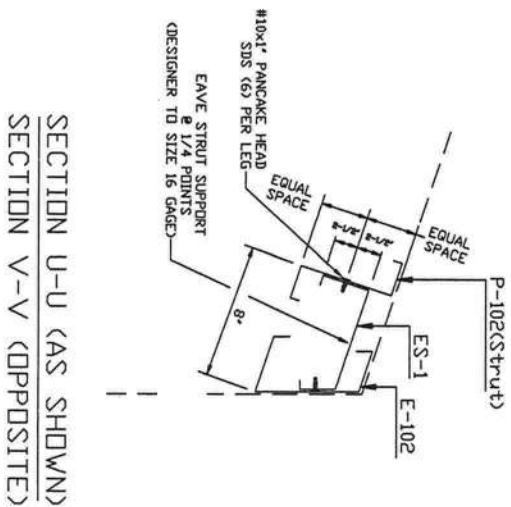
REVISIONS						DRAWING STATUS				LIFETIME STEEL BLDGS				LIFETIME STEEL BLDGS			
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD	[] FOR CONSTRUCTION	[X] FOR PERMIT ONLY	[] FOR APPROVAL	[] OTHER, EXPLAIN	PROJECT	ID	PROJECT	DATE	BUILDING CROSS SECTION	DRAFTSMAN/CHECKER	SHEET

OCT 09 2008

SEAL



BRACE CABLE ASSEMBLY
CABLE HARDWARE FACTORY ATTACHED
SYMMETRICAL AT BOTH ENDS



MEMBER TABLE		LENGTH
MARK	PART	
EB-100	8X4C4H6	4'-10 9/16"
EB-101	W8X10	4'-3 1/4"
EB-102	W8X10	4'-3 1/8"
EB-103	8X3C0D16	4'-3 1/8"
EB-104	8X4C4H6	4'-10 9/16"
EB-105	8X50D16	4'-3 1/8"
EB-106	W8X10	4'-3 1/8"
EB-107	W8X10	4'-3 1/4"
P-100	8X3S214	28'-5 1/4"
P-101	8X3S214	28'-5 1/4"
P-102	8X2S216	24'-11 1/4"
P-103	8X2S213	28'-5 1/4"
P-104	8X2S213	28'-5 1/4"
P-105	8X2S216	28'-5 1/4"
P-106	8X2S216	28'-5 1/4"
E-100	82E2C350D16	23'-8 1/4"
E-101	82E2C350D16	23'-8 1/4"
E-102	82E2C350D16	23'-8 1/4"
E-103	82E2C350D16	14'-0"
E-104	8X3S212	25'-0"
CB-100	0250CBL	25'-2"
CB-101	0250CBL	25'-3"
CB-102	0500CBL	25'-3"



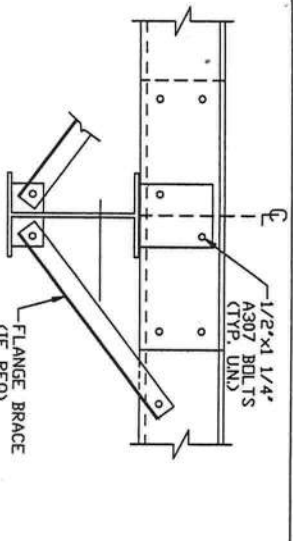
Diagram of a 16" NOMINAL COVER PLATE. The plate has a width of 16 inches. A gap of 1/16" is shown between the plate and the beam. The plate extends 2 inches beyond the beam end.

OCT 09 2008

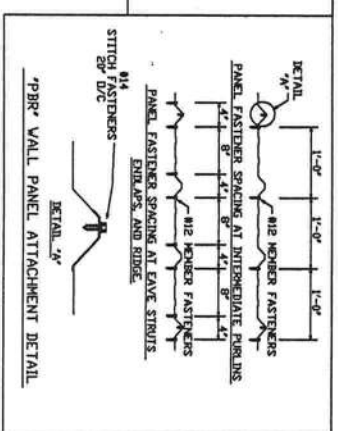
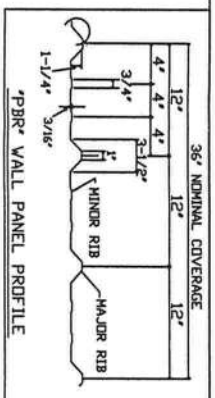
SEAL

DRAWING STATUS ☐ FOR CONSTRUCTION ☒ FOR PERMIT ONLY ☐ FOR APPROVAL ☐ OTHER, EXPLAIN	LIFETIME STEEL BLDGS
	PROJECT 7000' x 506 x 16.0
	ID 19066-2
	PROJECT ADDRESS LAKE CITY, FL 32024

LIFETIME STEEL BLDGS			
ROOF FRAMING			
DESIGN	DRAFTSM/MD	CHECK	
DATE: 9/29/08	SHEET		

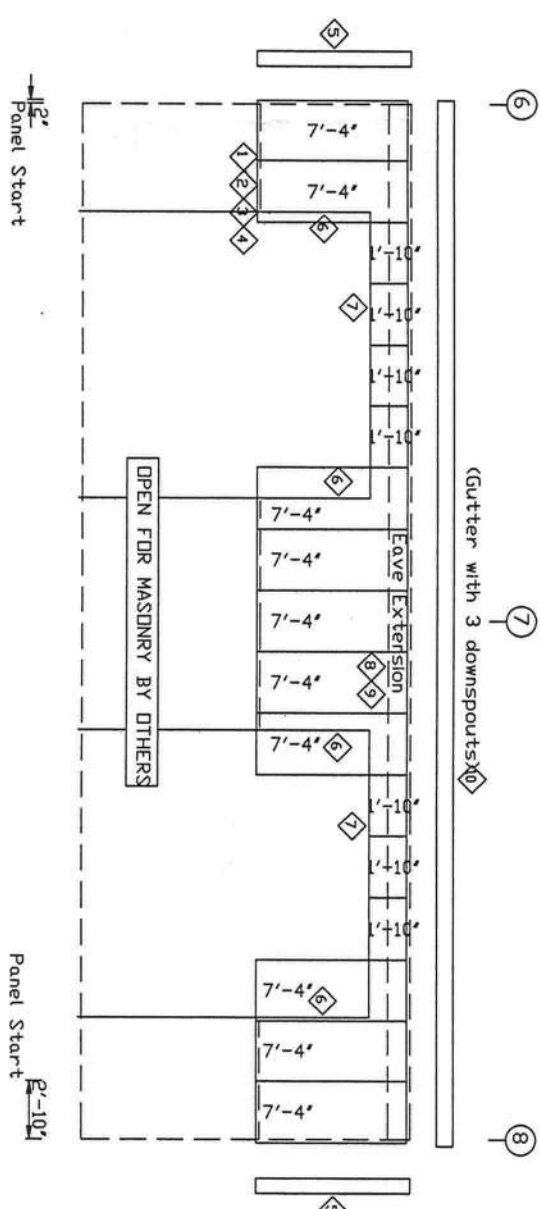
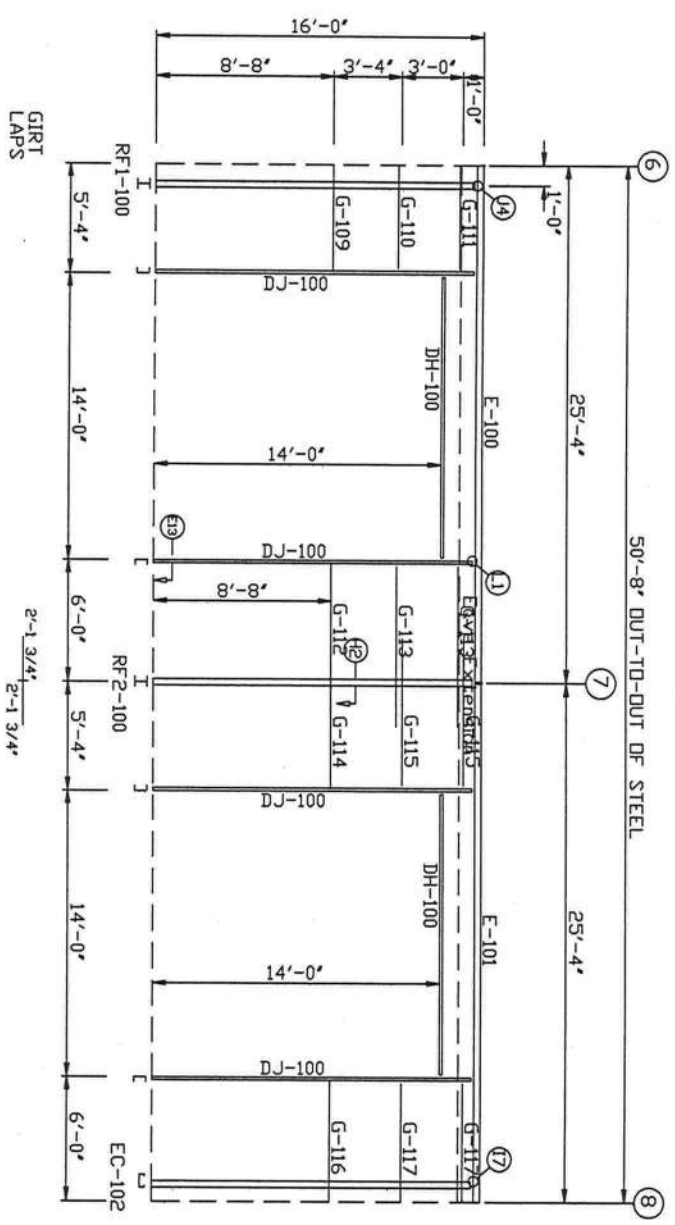


6 BOLTS TOTAL
ADDITIONAL HOLES ARE PRESENT FOR
ALIGNMENT PURPOSES ONLY



TRIM TABLE		
FRAME LINE	LENGTH	DET
1	3'-6"	
2	2'-1"	
3	1'-7"	
4	2'-9"	
5	7'-6"	
6	5'-6"	
7	14'-3"	
8	20'-3"	
9	10'-11"	
10	20'-2"	

MEMBER TABLE		
FRAME LINE	LENGTH	DET
DJ-100	15'-3 3/4"	
DH-100	14'-0"	
E-100	23'-8 1/2"	
E-101	23'-8 1/2"	
G-109	5'-0"	
G-110	5'-0"	
G-111	5'-0"	
G-112	5'-8"	
G-113	7'-10"	
G-114	5'-0"	
G-115	7'-2"	
G-116	5'-8"	
G-117	5'-8"	



SIDEWALL SHEETING & TRIM: FRAME LINE I
PANELS: 26 Ga. PBR - NEED KYMAR COLOR

GENERAL NOTES:

(1.) IF CABLE BRACING, WIND BENTS, WIND COLUMNS, OR WEAK AXIS DESIGN OF SIDE WALL COLUMNS WERE NOT PROVIDED IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED.

REVISIONS				
REV.	DESCRIPTION	DATE	BY	CHKR

DRAWING STATUS				

LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	7000' x 50.6' x 16.0'	PROJECT	LAKE CITY, FL 32024
ID	19066-2	DESIGN	DRAFTSMAN/MDL CHECK
DATE	9/29/08	SHEET	6

OCT 09 2008

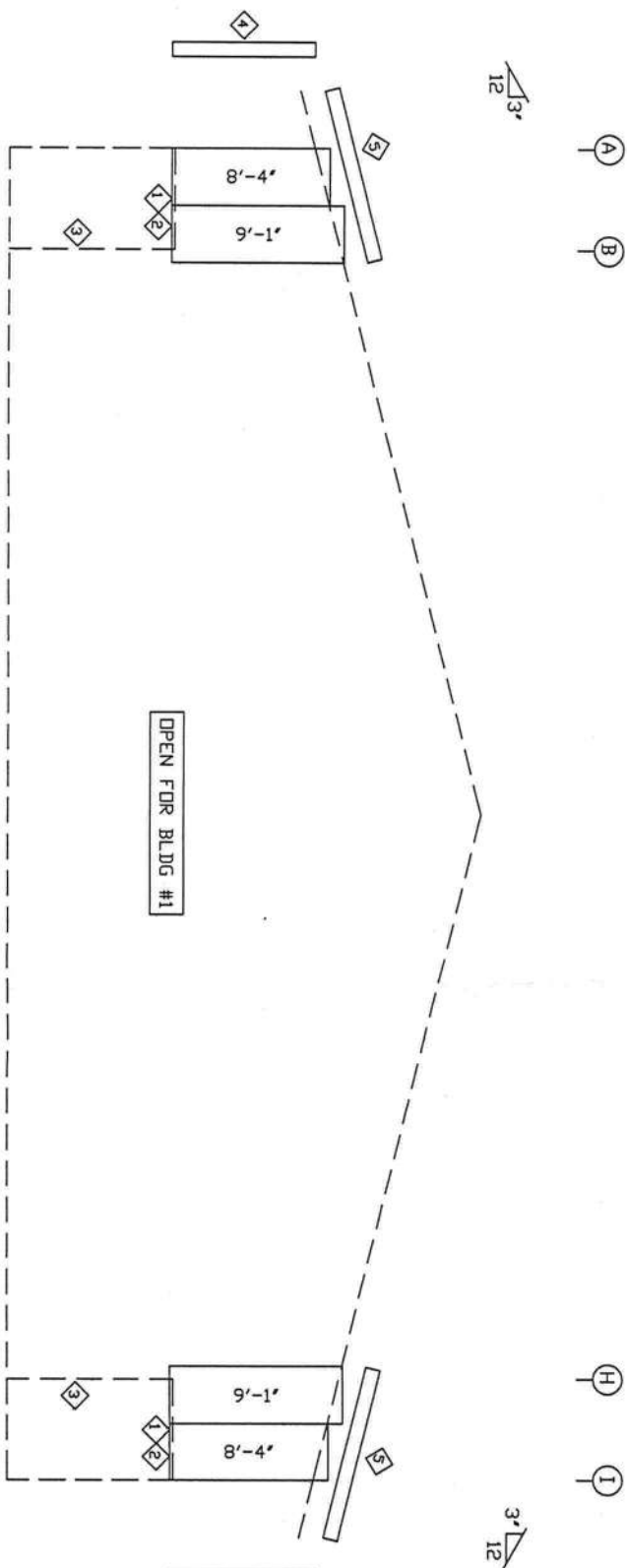
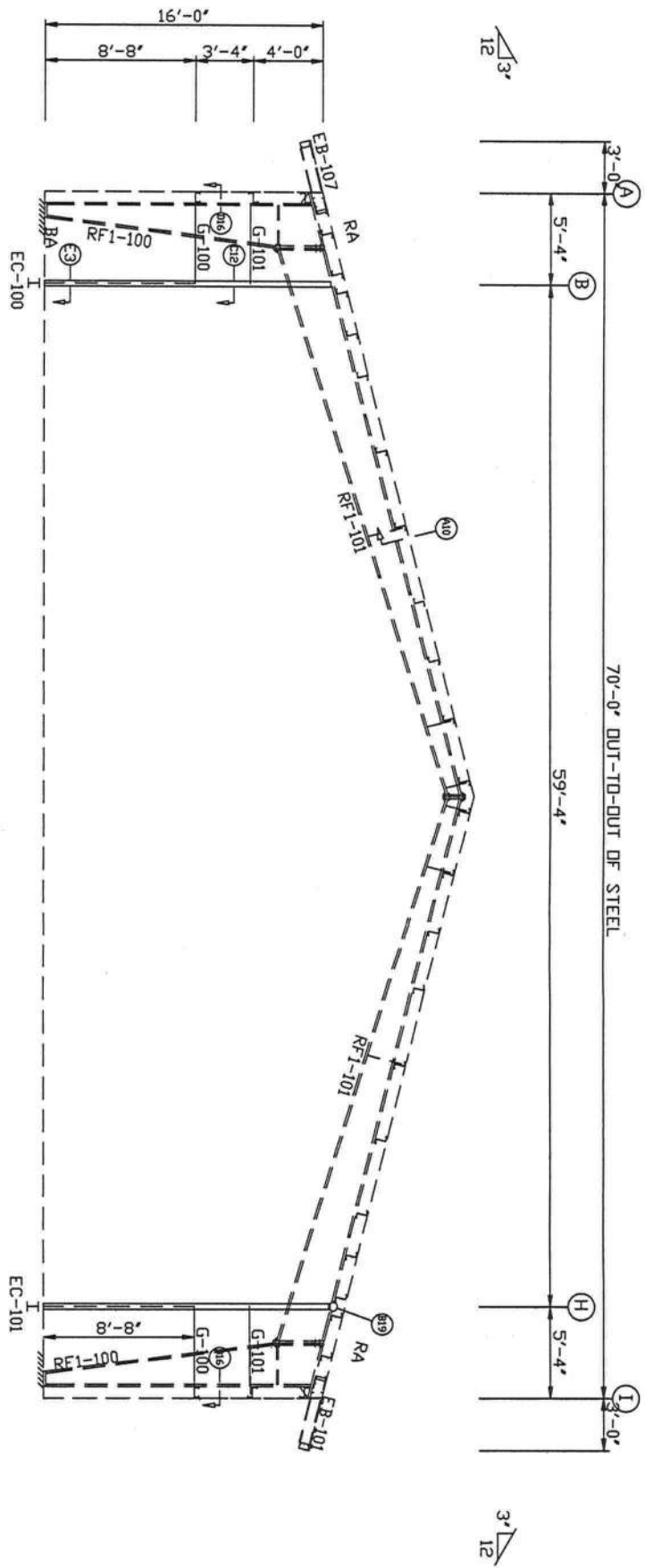
SEAL

[Signature]

BOLT TABLE			
FRAME LINE 6		QUAN	TYPE DIA
LOCATION		4	A325 1/2"
Columns			1

TRIM TABLE			
FRAME LINE 6		LENGTH	DET
1	TBD	3'-6"	
2	TBD	2'-1"	
3	JTR	8'-10"	TRIM
4	CTR	7'-6"	TRIM
5	XFL-110	5'-3"	TRIM

MEMBER TABLE			
FRAME LINE 6		PART	LENGTH
MARK	PART		
EC-100	W8S41		14'-2 7/16
EC-101	W8S41		14'-2 7/16
G-100	8X25C16		4'-7 1/2"
G-101	8X25Z16		4'-11 1/2"



ENDWALL SHEETING & TRIM: FRAME LINE 6

PANELS: 26 Ga. PBR - NEED KYMAR COLOR

GENERAL NOTES:
 1.) IF CABLE BRACING FOR END WALL IS NOT SHOWN ON ERECTION DRAWINGS IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED.

REVISIONS					
REV.	DESCRIPTION	DATE	DTLR	DATE	CHKR

DRAWING STATUS					
[] FOR CONSTRUCTION					
[X] FOR PERMIT ONLY					
[] FOR APPROVAL					
[] OTHER, EXPLAIN					

LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	7000' x 506' x 160	PROJECT	ENDWALL FRAMING
PROJECT	19066-2	PROJECT	DRAFTSMAN/AMD CHECK
PROJECT	LAKE CITY, FL 32024	PROJECT	DATE 9/29/08
			SHEET

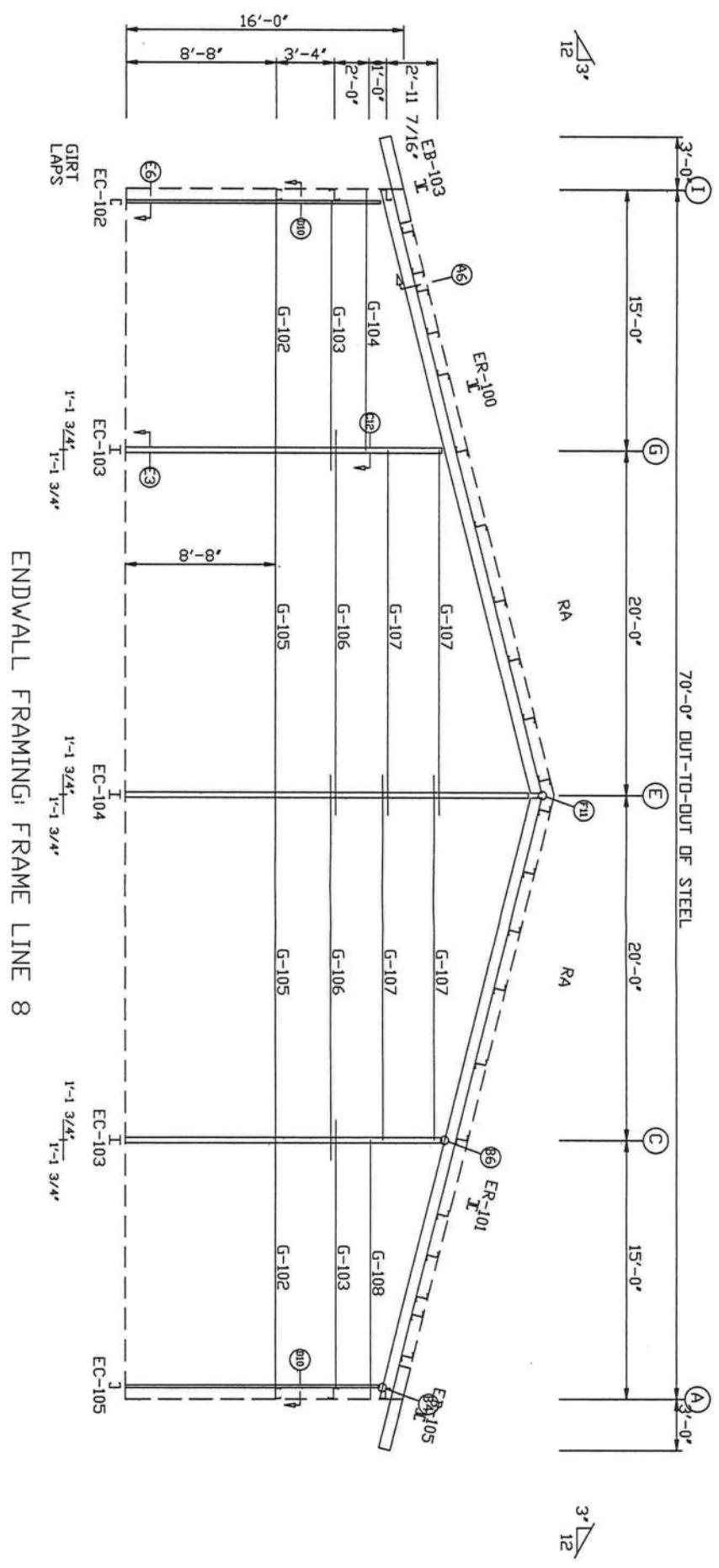
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SEAL

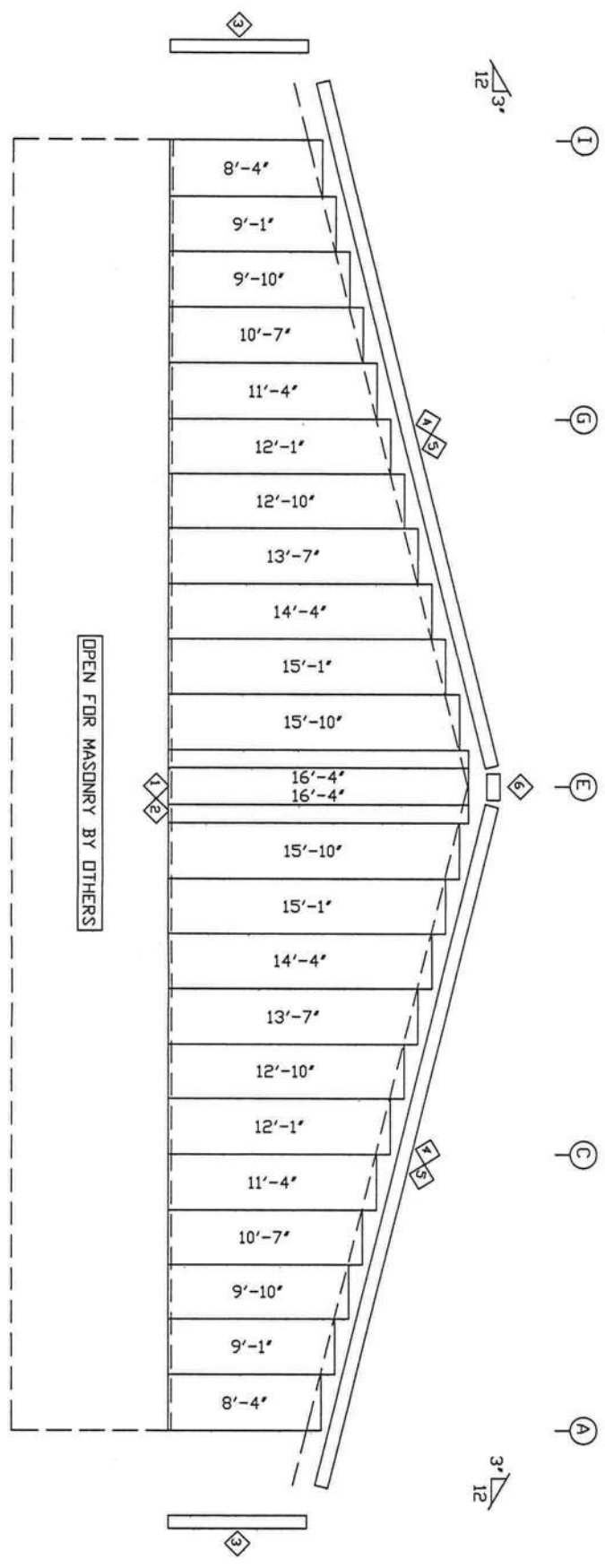
BOLT TABLE			
FRAME LINE 8		QUAN	TYPE DIA
LOCATION			
ER-100/ER-101	8	A325	5/8"
Cor Column/Raf	4	A325	1/2"
Int Column/Raf	4	A325	1/2"
Int Column/Raf	4	A325	5/8"

TRIM TABLE			
FRAME LINE 8		LENGTH	DET
1	TBD	3'-6"	
2	TBD	1'-9"	
3	CTR	7'-6"	TRIN
4	VRT	20'-3"	TRIN
5	VRT	19'-6"	TRIN
6	VPR	1'-4"	TRIN

MEMBER TABLE			
FRAME LINE 8		PART	LENGTH
MARK			
EB-103	8X30D16	4'-3 1/8"	
EB-105	8X30D16	4'-3 1/8"	
EC-102	8X35C16	14'-6 7/16"	
EC-103	W8X18	18'-1 7/16"	
EC-104	W8X31	22'-10 3/4"	
EC-105	8X35C16	14'-6 7/16"	
ER-100	10X50d13	36'-0 15/16"	
ER-101	10X50d13	36'-0 15/16"	
G-102	8X25C16	14'-3 1/2"	
G-103	8X25Z16	15'-5 1/2"	
G-104	8X25Z16	15'-3 1/2"	
G-105	8X25C16	19'-11 1/2"	
G-106	8X25Z16	22'-3 1/2"	
G-107	8X25Z16	21'-5 1/2"	
G-108	8X25Z16	15'-3 1/2"	



ENDWALL FRAMING: FRAME LINE 8



ENDWALL SHEETING & TRIM: FRAME LINE 8

PANELS: 26 Ga. PBR - NEED KYNAR COLOR

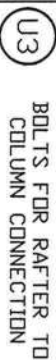
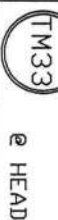
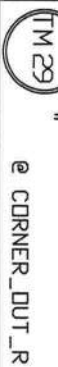
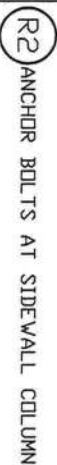
GENERAL NOTES:
1) IF CABLE BRACING FOR END WALL IS NOT SHOWN ON ERECTION DRAWINGS IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED.

REVISIONS					
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR

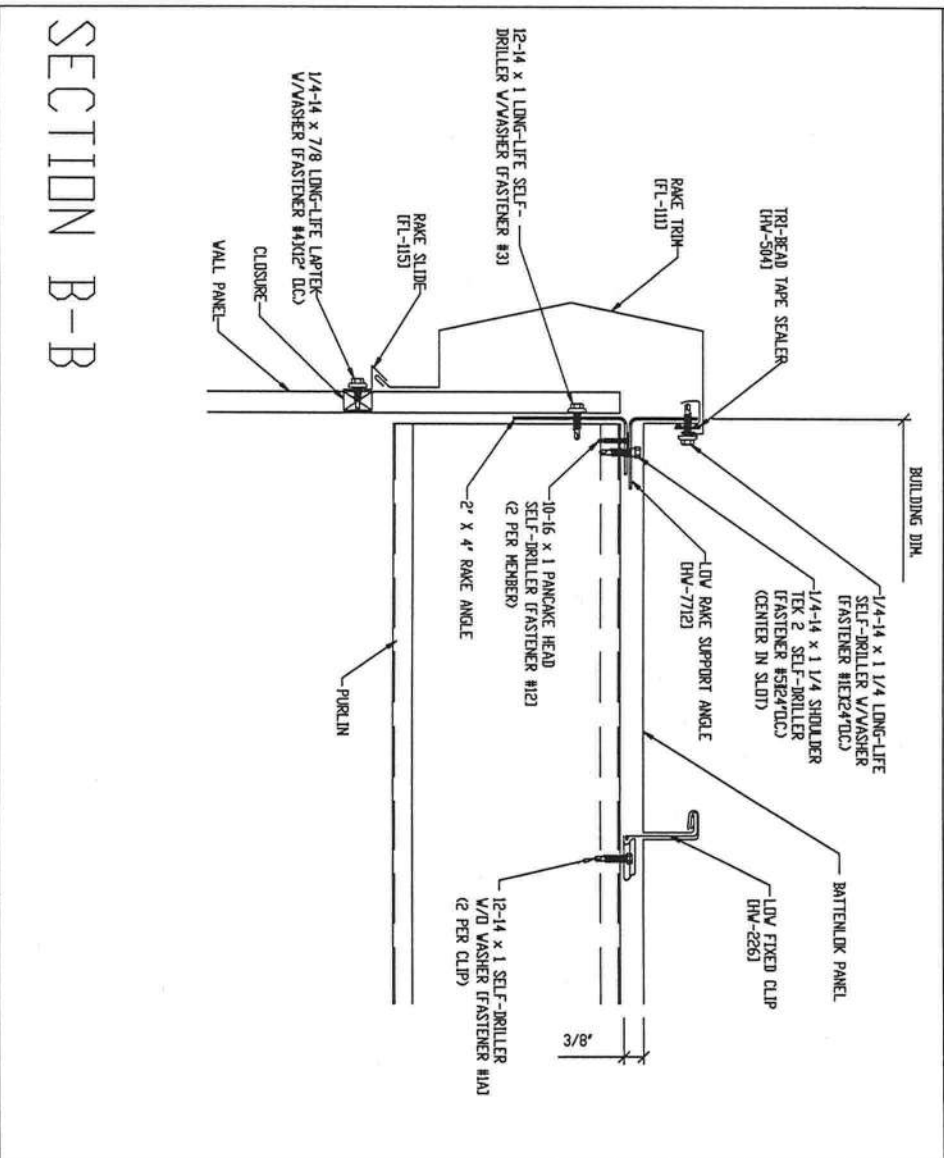
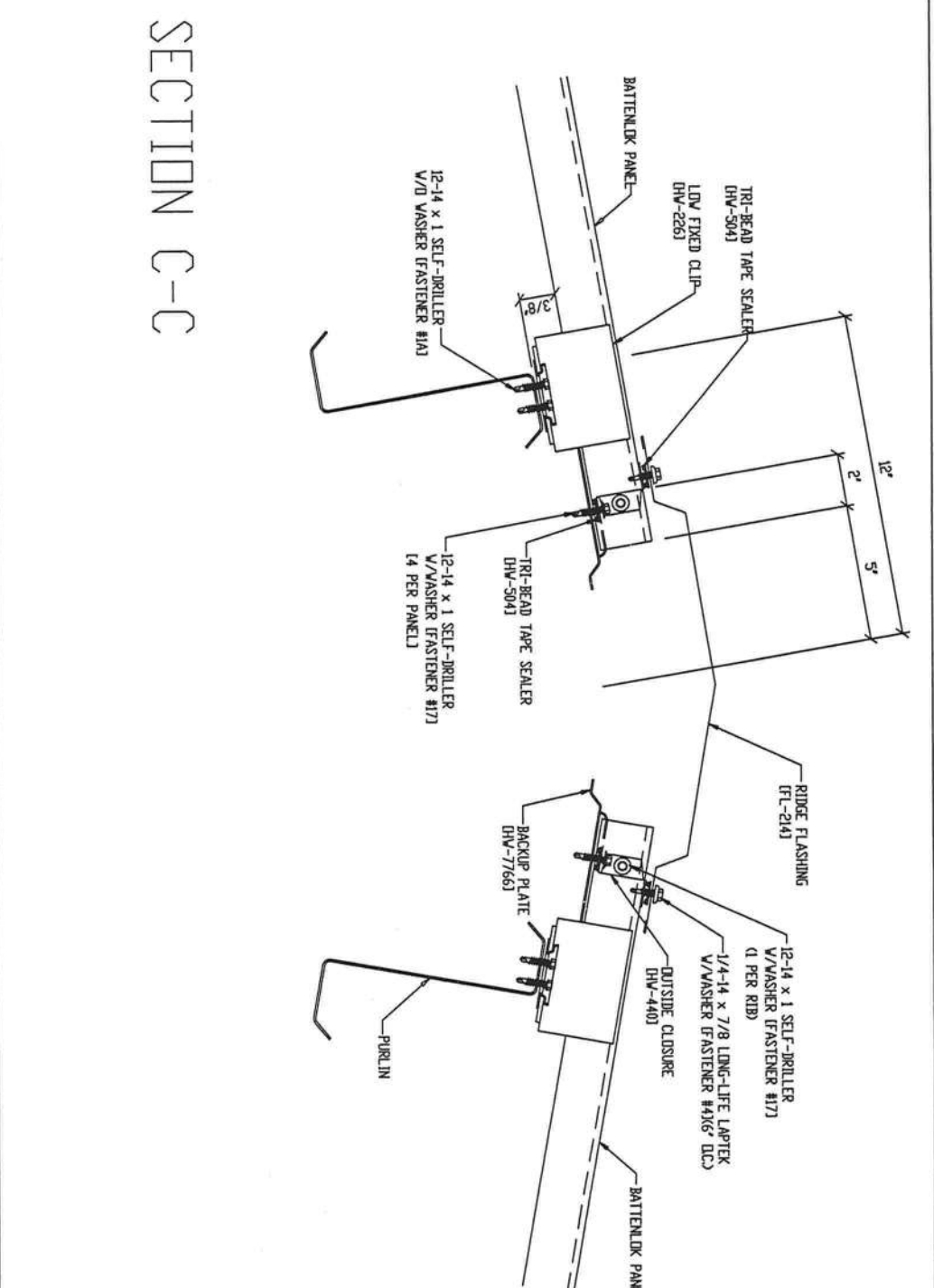
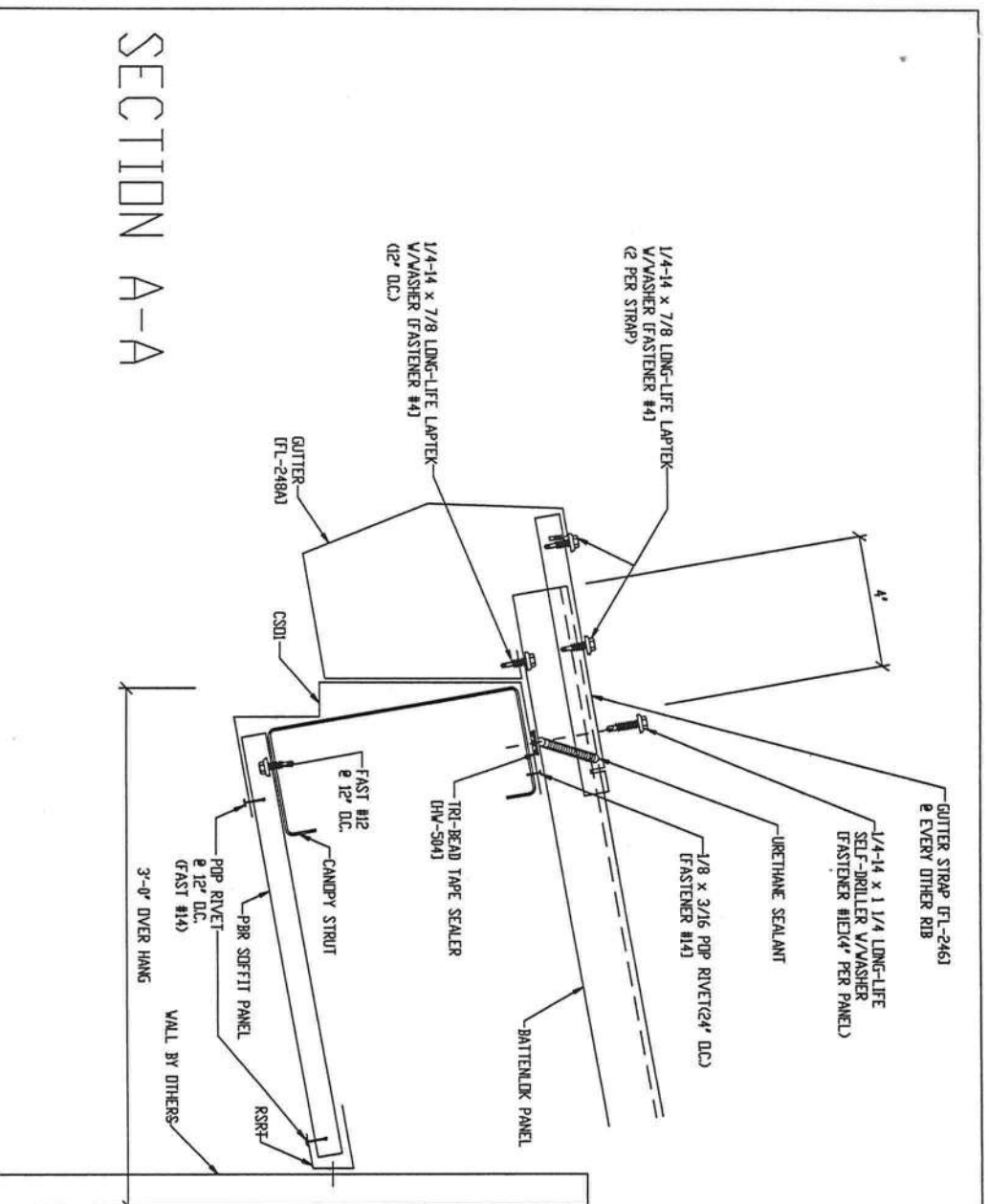
DRAWING STATUS		LIFETIME STEEL BLDGS	
[] FOR CONSTRUCTION		PROJECT	7000' x 506' x 150'
[X] FOR PERMIT ONLY		DESIGN	DRAFTSMAN/CHKR
[] FOR APPROVAL		DATE	9/29/08
[] OTHER, EXPLAIN		SHEET	

PROJECT		ADDRESS	
PROJECT	LAKE CITY, FL 32024	PROJECT	LAKE CITY, FL 32024

OCT 09 2008

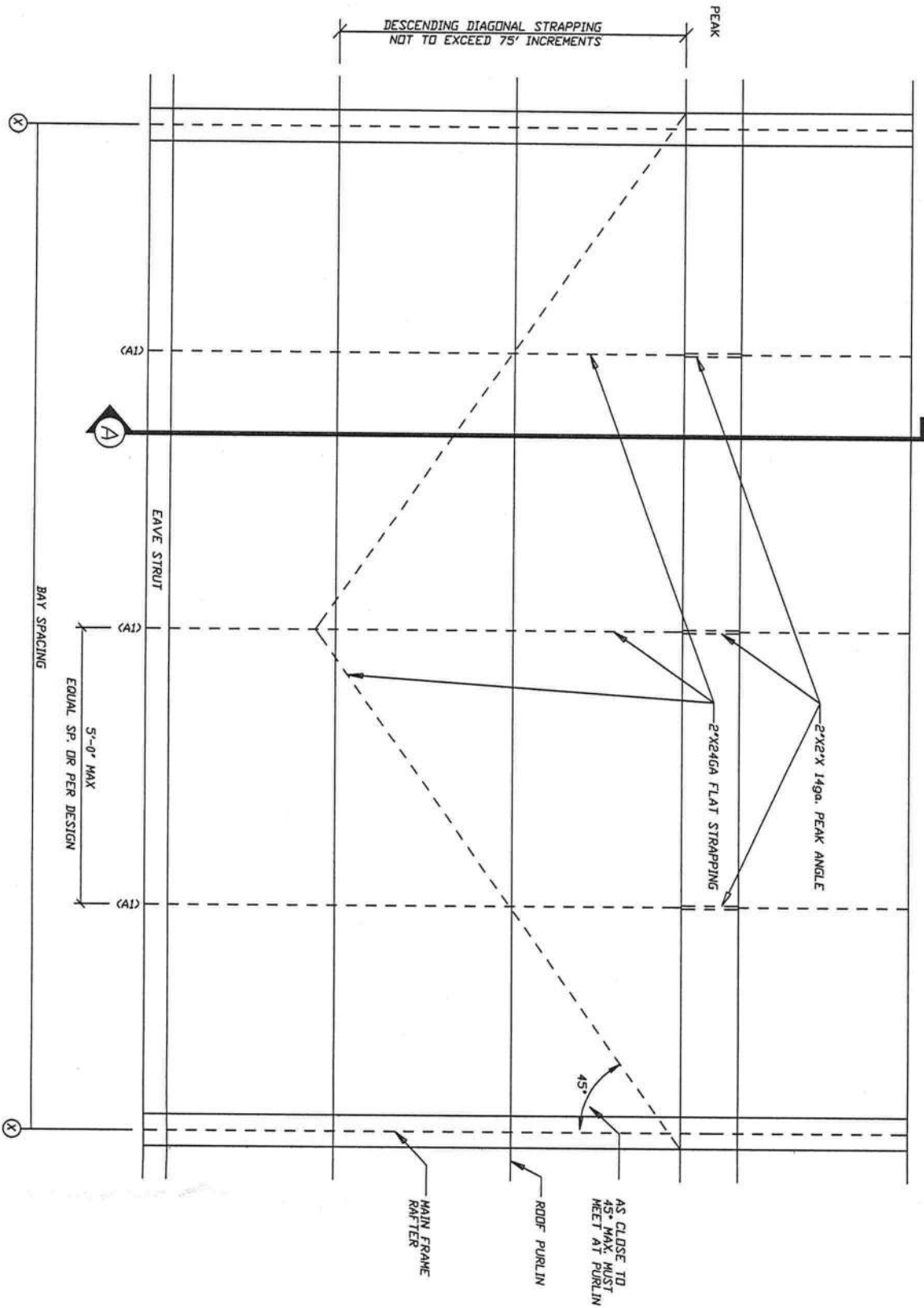
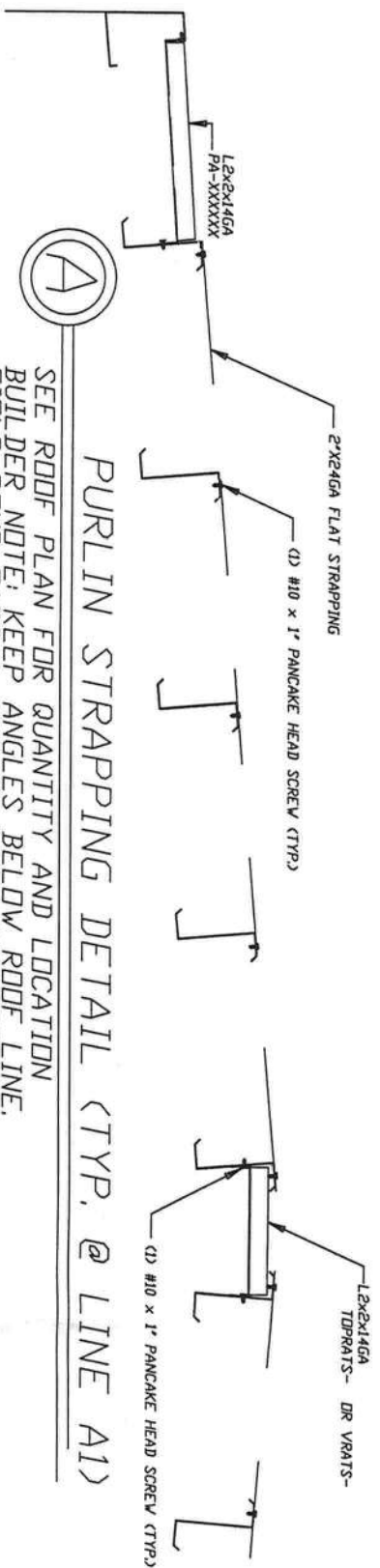
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SEAL



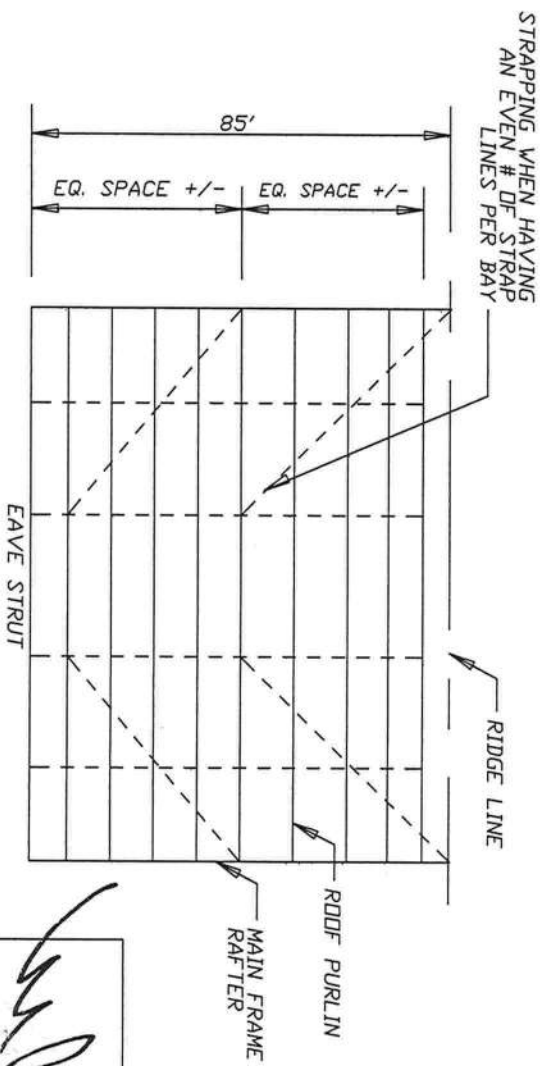
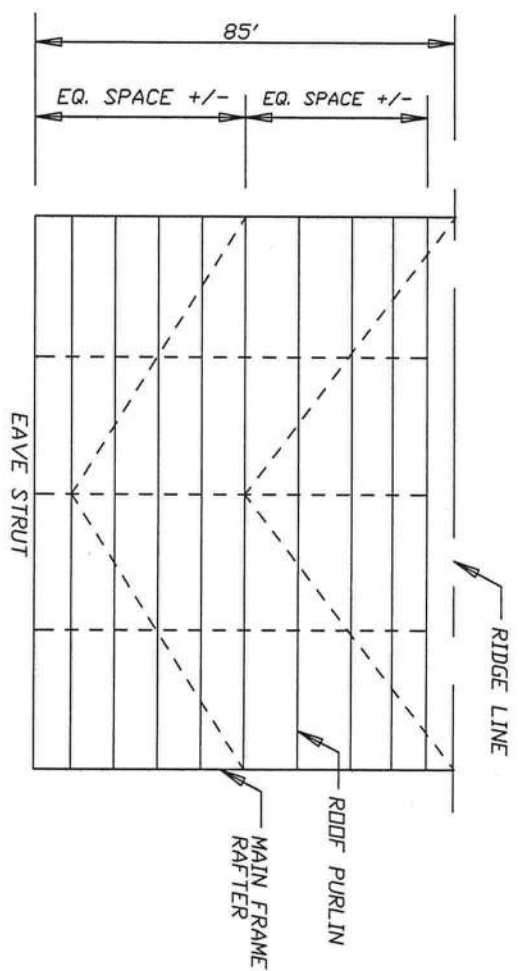
REVISIONS						DRAWING STATUS		LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD	☐ FOR CONSTRUCTION ☐ FOR PERMIT ONLY ☐ FOR APPROVAL ☐ OTHER, EXPLAIN	PROJECT	ID	Detail Page	DESIGN
								LAKE CITY, FL 32024	19066-2		DRAFT/ARM/MD
										DATE: 9/29/08	SHEET

OCT 09 2008



STANDING SEAM ROOFS (TOP FLANGE ONLY)
>2 1/2"12" SLOPE

USE FLAT STRAP WITH ANGLE AT 1st EAVE SPACE AND RIDGE ONLY
DESCENDING DIAGONALS AT PEAK (45° MAX. FROM PLANE OF FRAME)
DESCENDING DIAGONALS NOT TO EXCEED 75' INCREMENTS (NOMINAL EQUAL SPAC
MAX 5'-0" O.C. WITH EQUAL SPACES OR SPACES PER DESIGN

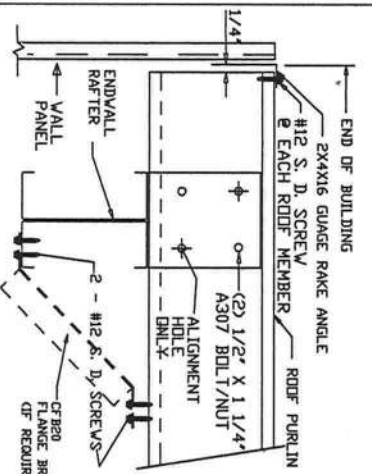


REVISIONS							DRAWING STATUS			LIFETIME STEEL BLDGS			LIFETIME STEEL BLDGS				
REV.	DESCRIPTION	DATE	DTLR	DATE	CHKR	APPD	☐ FOR CONSTRUCTION	☒ FOR PERMIT ONLY	☐ FOR APPROVAL	☐ OTHER, EXPLAIN	PROJECT	7000' x 50.6 x 16.0	Detail Page	DESIGN	DRAFTSMAN/AMD	CHECK/ D	
											ID	19066-2		DATE: 9/29/08		SHEET	1:
											PROJECT	LAKE CITY, FL 32024					
											ADDRESS						

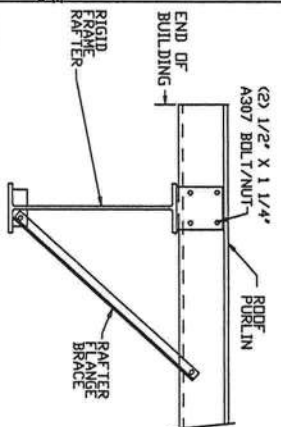
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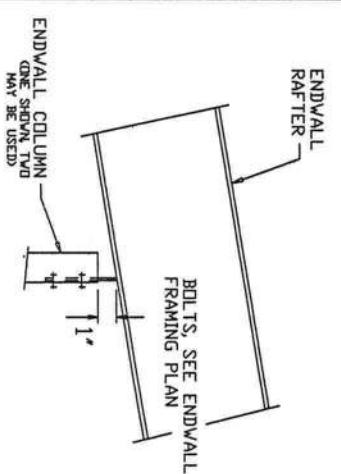
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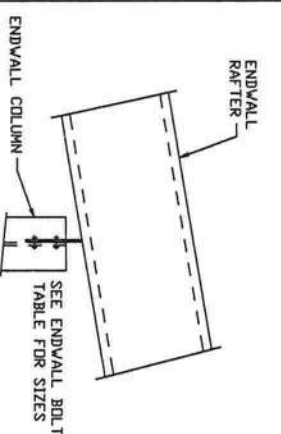
A6 SECTION THRU ENDWALL RAFTER



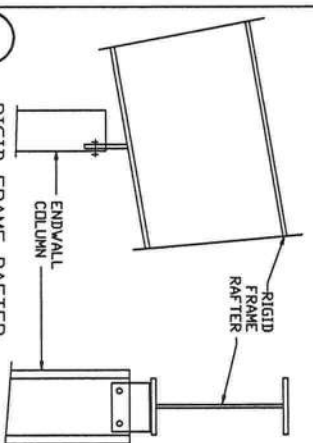
A10 ROOF PURLIN TO EXPANDABLE ENDWALL RIGID FRAME



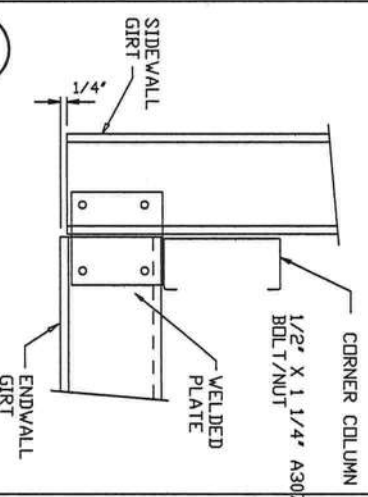
B4 ENDWALL RAFTER TO COLUMN



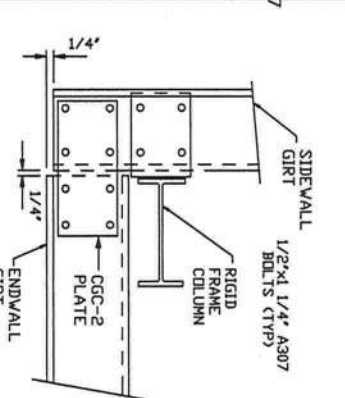
B6 ENDWALL RAFTER TO COLUMN



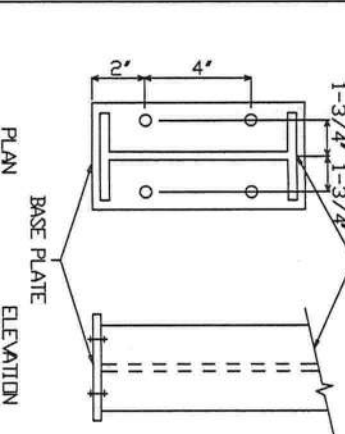
B19 RIGID FRAME RAFTER TO ENDWALL COLUMN



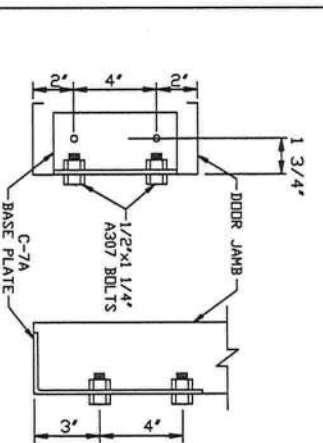
D10 CORNER COLUMN TO WALL



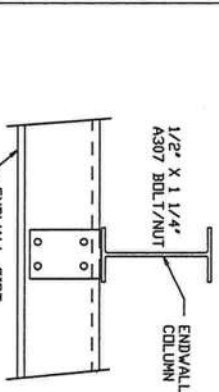
D18 CORNER COLUMN TO WALL GIRT



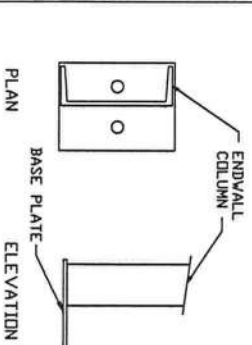
E3 BASE PLATE FOR ENDWALL COLUMN



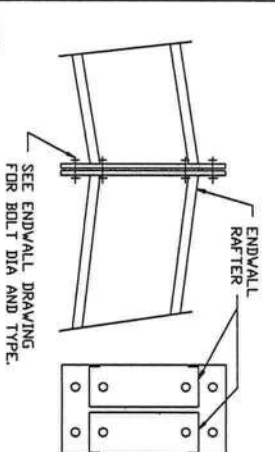
E6 BASE PLATE FOR DOOR JAMB OR ENDWALL COLUMN



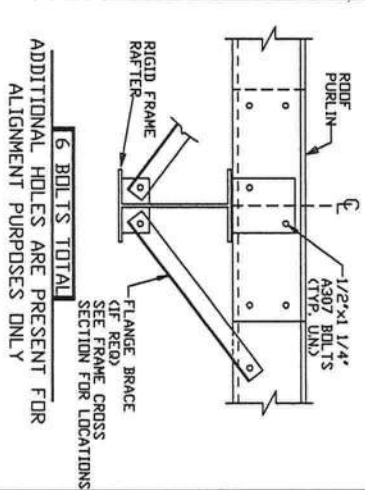
C12 ENDWALL COLUMN TO WALL GIRT



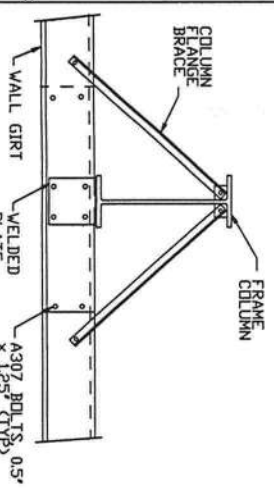
E13 BASE PLATE FOR ENDWALL COLUMN OR DOOR JAMB



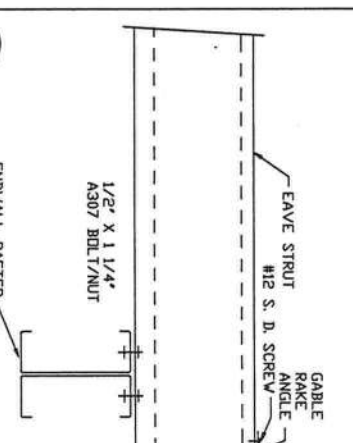
F11 RAFTER SPLICE AT SURFACE CHANGE



G2 ROOF PURLIN TO RIGID FRAME



H2 WALL GIRT TO FRAME COLUMN



I7 EAVE STRUT TO ENDWALL RAFTER

REVISIONS					DRAWING STATUS					LIFETIME STEEL BLDGS		
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD	[] FOR CONSTRUCTION			PROJECT	7000' x 506' x 160	Detail Page
							[X] FOR PERMIT ONLY			PROJECT	19066-2	DRAFTSMAN/MD CHECK
							[] FOR APPROVAL			DATE	9/29/08	SHEET
							[] OTHER, EXPLAIN			ADDRESS	LAKE CITY, FL 32024	1

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SEAL

ENGINEERING CALCULATIONS

LIFETIME STEEL BLDGS
Job Number 19066-1
End User LIFETIME STEEL BLDGS
Job Location: LAKE CITY, FL 32024

DATE: 10/7/08

DESIGNED BY:

CHECKED BY: DB

DRAWN BY: ARM/MMD

DESIGN PARAMETERS

BUILDING DESCRIPTION	COMMENTS
NOMINAL WIDTH: 60 feet	
NOMINAL LENGTH: 121.33 feet	
EAVE HEIGHT, BACK S.W: 17.25 feet	
EAVE HEIGHT, FRONT S.W: 17.25 feet	
ROOF SLOPE, LEFT: 3.0:12	
ROOF SLOPE, RIGHT: 3.0:12	

DESIGN LOADS

BUILDING CODE: FBC 06	SNOW: 1
FRAME SELF WEIGHT: INCLUDED	FLAT ROOF SNOW LOAD Pf: 0 psf
ROOF DEAD LOAD: 2.000 psf	GROUND SNOW LOAD Pg: 0.0000 psf
COLLATERAL LOAD: 5 psf	SNOW LOAD IMP. FACTOR 1.2000
LIVE LOAD: 20.00 psf	THERMAL FACTOR Ct: 1
SNOW LOAD, ROOF: 0 psf	SNOW EXP. FACTOR Ce: 1
WIND SPEED: 140 mph	
WIND EXPOSURE: B	
CLOSURE: 'C, D, P' 1	Closed
IMP. FACTOR, WIND: 1.15	
OCCUPANCY CATEGORY: IV - ESSENTIAL FACILITIES	
SEISMIC PARAMETERS:	
SEISMIC IMPORTANCE: 1.50	
SEISMIC RESPONSE COEF.: 0.057	
SEISMIC DESIGN CATEGORY: D	
DESIGNED SPECTRAL ACCELERATION PARAMETER 'SDS': (SHORT PERIODS) 0.1333	
DESIGNED SPECTRAL ACCELERATION PARAMETER 'SDI': (1 SEC PERIODS) 0.1008	
MAPPED SPEC. RESPONSE ACC.: 'SS' - (SHORT PERIODS) 0.1250	
MAPPED SPEC. RESPONSE ACC.: 'SI' - (1 SEC PERIODS) 0.0630	
RESPONSE MODIFICATION FACTOR: 3.5	
SITE CLASS (ASSUMED): D	
BASIC SEISMIC-FORCE RESISTING SYSTEM MOMENT RESISTING FRAME	
DESIGN BASE SHEAR: V=Cs * W	
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE	

DRAWING RELEASE HISTORY

DRAWING REVISIONS

DATE SENT	REASON FOR RELEASE	REVISION	DATE	BY	DESCRIPTION
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					

GENERAL NOTES

- MATERIALS**
STRUCTURAL STEEL PLATE
COLD FORMED LIGHT GAGE SHAPES
BRACE RODS
HOT ROLLED MILL SHAPES
ROOF AND WALL SHEETS
BOLTS
BUILT-UP MEMBERS

ASTM DESIGNATION
A529 OR A572 OR A570 OR A607
A570 OR A607
A572
A36 OR A572
A653 OR A792
A307, A325, AND A490
A570

GRADE 50
GRADE 55
GRADE 65, UNLESS NOTED
FY= 36 KSI OR GRADE 50
GRADE 50
A307 UNLESS NOTED
GRADE 50 OR 55
- STRUCTURAL PRIMER**

SHIP PRIMER PAINT IS A RUST INHIBITIVE PRIMER AND ITS COLOR IS RED OXIDE.
THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.
- A325 BOLT TIGHTENING REQUIREMENTS**

ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE.

STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE TURN-OF-THE-NUT METHOD IN ACCORDANCE WITH THE 13th EDITION AISC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS. PER SECTION 8.2, A325 BOLTS MAY BE INSTALLED WITHOUT WASHERS WHEN TIGHTENED BY THE TURN-OF-THE-NUT METHOD.

ALL HIGH STRENGTH BOLTS, EXCEPT AS NOTED OTHERWISE, ARE SUBJECT TO DIRECT TENSION AND MAY REQUIRE INSPECTION AS DEFINED BY THE APPLICABLE BUILDING CODE OR STANDARD. IT IS THE RESPONSIBILITY OF THE ERECTOR TO ASSURE PROPER TIGHTNESS.
- BUILDER/CONTRACTOR RESPONSIBILITIES**

THE METAL BUILDING MANUF.'S STANDARD PRODUCT SPECIFICATIONS APPLY AND UNLESS STIPULATED OTHERWISE IN THE CONTRACT DOCUMENTS, THE METAL BUILDING MANUF.'S DESIGN, FABRICATION, QUALITY CRITERIA STANDARDS AND TOLERANCES WILL GOVERN THE WORK.

IN CASE OF DISCREPANCIES BETWEEN METAL BUILDINGS MANUF. STRUCTURAL PLANS AND PLANS FOR OTHER TRADES, THE METAL BUILDING MANUF.'S PLANS SHALL GOVERN.

IT IS THE RESPONSIBILITY OF THE BUILDER / CONTRACTOR TO OBTAIN APPROPRIATE APPROVALS AND NECESSARY PERMITS FROM CITY, COUNTY, STATE, OR FEDERAL AGENCIES, AS REQUIRED.

APPROVAL OF METAL BUILDING MANUF.'S DRAWINGS CONSTITUTES THE BUILDER / CONTRACTOR'S ACCEPTANCE OF THE METAL BUILDING MANUF.'S INTERPRETATION OF THE CONTRACT PURCHASE ORDER.

ONCE THE BUILDER / CONTRACTOR OR A/E FIRM HAS SIGNED MANUF.'S APPROVAL PACKAGE, CHANGES FROM THE PURCHASE ORDER BY THE BUILDER WILL BE BILLED TO THE BUILDER / CONTRACTOR FOR MATERIAL, ENGINEERING AND HANDLING FEES. SUCH CHANGES MAY CAUSE THE PROJECT TO BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE. A PENALTY FEE MAY BE CHARGED IF THE PROJECT MUST BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE, AS LONG AS THE MANUF.'S DESIGN AND DETAILING APPROACH COMPLIES WITH THE PURCHASE ORDER.

THE BUILDER / CONTRACTOR OR A/E FIRM ARE RESPONSIBLE FOR THE OVERALL PROJECT CONDITION, ALL INTERFACE AND COMPATIBILITY CONCERNING ANY MATERIALS NOT FURNISHED BY THE MANUF. ARE TO BE CONSIDERED AND COORDINATED BY THE BUILDER / CONTRACTOR OR A/E FIRM UNLESS SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS IS FURNISHED AS PART OF THE PURCHASE ORDER. THE METAL BUILDING MANUF.'S ASSUMPTIONS WILL GOVERN.

THE BUILDER / CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL OTHER PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITY. SUPPLYING SEALED ENGINEERING DESIGN DATA AND DRAWINGS BY THE BUILDING MANUF. DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUF. OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR THE CONSTRUCTION PROJECT. THESE DRAWINGS AND DESIGN DATA ARE SEALED AS TO THE STRUCTURAL SYSTEM FURNISHED BY THE METAL BUILDING MANUF. IN COMPLIANCE WITH ALL REQUIREMENTS OF THE PURCHASE ORDER.

THE BUILDER / CONTRACTOR IS RESPONSIBLE FOR SETTING OF ANCHOR BOLTS AND ERECTION OF STEEL BUILDING COMPONENTS IN ACCORDANCE WITH THE METAL BUILDING MANUF.'S "FOR CONSTRUCTION" DRAWINGS. TEMPORARY SUPPORTS OR BRACING REQUIRED FOR THE BUILDING ERECTION WILL BE THE RESPONSIBILITY OF THE ERECTOR TO DETERMINE, FURNISH, AND INSTALL.

THE METAL BUILDING MANUF. DOES NOT WARRANT STRUCTURAL INTEGRITY OF ANY COMPONENTS FIELD MODIFIED OR DESIGNED AND FABRICATED BY OTHERS. NEITHER DO WE ACCEPT DESIGN RESPONSIBILITY FOR THE EFFECTS NON STANDARD COMPONENTS DESIGNED BY OTHERS MAY HAVE ON THE SYSTEM IN GENERAL.

SPECIAL NOTE:

BUILDING IS NOT STRUCTURALLY SOUND UNTIL ALL WALL COVERING, ROOF SHEETS, AND PERMANENT BRACING IS INSTALLED. BUILDER / CONTRACTOR IS RESPONSIBLE FOR SUPPORTS OR TEMPORARY BRACING DURING ERECTION. HE SHALL FURNISH AND INSTALL THESE TEMPORARY SUPPORTS WHERE NECESSARY. TEMPORARY SUPPORTS ARE NOT PROVIDED BY THE METAL BUILDING MANUFACTURER.

FLORIDA PRODUCT APPROVAL INFORMATION

			APPROVAL #
22 GA.	22 BATTEN/ROOF PANEL -	ROOF PANEL	FL 7353.1
26 GA.	26 PBR -	WALL PANEL	FL 5335.1
9" X 10' RIDGE VENT			FL 8069.1

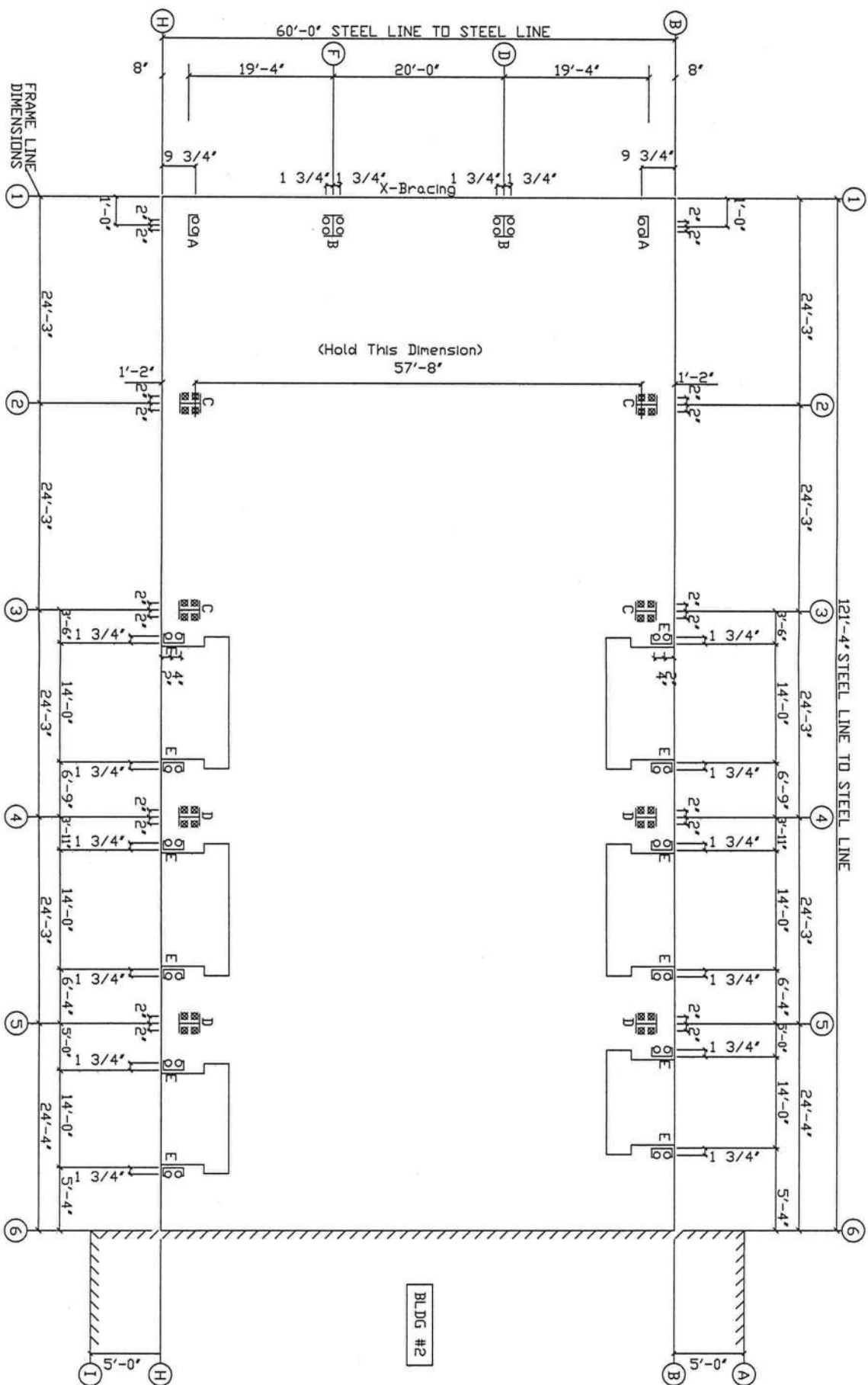
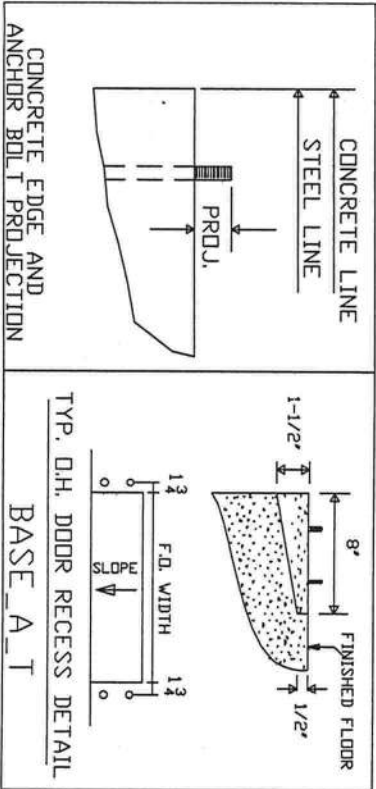
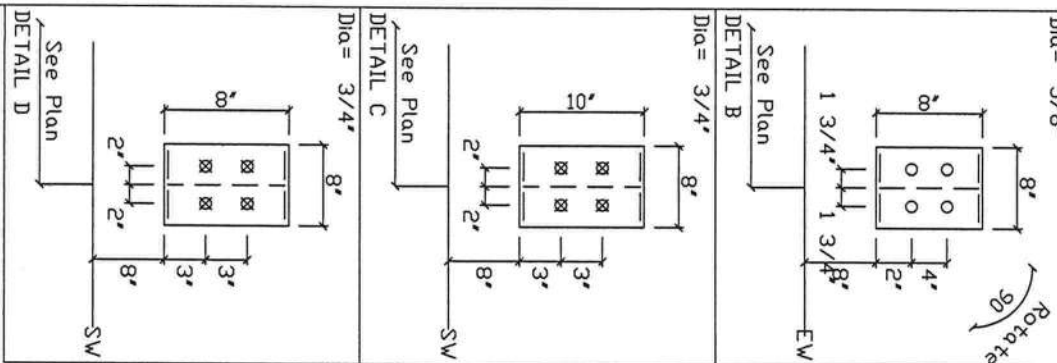
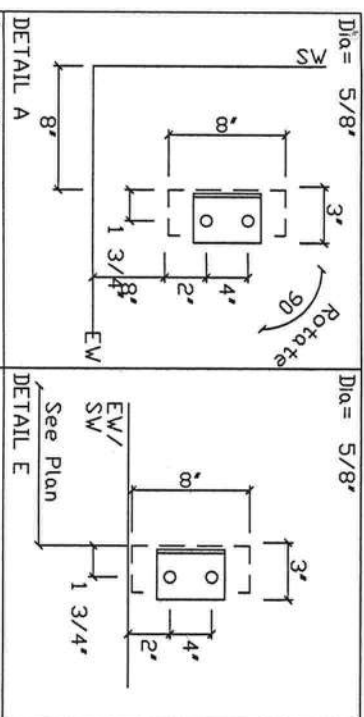
BLDG #1

BLDG #2

SHEETING			
ROOF PANEL:	PANEL TYPE	COLOR	
GAUGE			
22 GA.	22 BL-HS	NEED KYMAR COLOR	
WALL PANEL:	PANEL TYPE	COLOR	
GAUGE			
26 GA.	26 PBR	NEED KYMAR COLOR	
SOFFIT PANEL:	PANEL TYPE	COLOR	
GAUGE			
26 GA.	26 PBR	NEED KYMAR COLOR	
WALL TRIM COLOR:			
NEED KYMAR COLOR			
GABLE TRIM COLOR:			
NEED KYMAR COLOR			

ENGINEER'S STAMP

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ANCHOR BOLT NOTES:
VALUES GIVEN FOR BENDS AND ANCHOR BOLT TOTAL LENGTHS ARE
SUGGESTED LENGTHS ONLY. IT IS THE RESPONSIBILITY OF THE
FOUNDATION ENGINEER TO DETERMINE THESE VALUES SINCE THEY
ARE A FUNCTION OF CONCRETE STRENGTH AND OTHER FACTORS.

ANCHOR BOLT SUMMARY					
Qnt	Loc	Dia (in)	Total Len (in)	Bend Len (in)	Pro Len (in)
0 24	DJ	5/8"	9.00	3.00	3.00
0 12	EV	5/8"	12.00	3.00	3.00
0 32	RF	3/4"	18.00	3.00	3.00

REVISIONS				DRAWING STATUS		LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD	PROJECT	ANCHOR BULT PLAN & DETAILS	DESIGN
							6000' x 1213 x 172		DRAFT/ARM/MPD CHECK
							19066-1		
							PROJECT LAKE CITY, FL 32024		DATE: 10/07/08
							ADDRESS		SHEET

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NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	= 60.0
Length (ft)	= 121.3
Eave Height (ft)	= 17.3/ 17.3
Roof Slope (rise/run)	= 30/ 30
Dead Load (psf)	= 20
Roof Live Load (psf)	= 20
Roof Wind Load (psf)	= 120
Wind Speed (mph)	= 140
Wind Code (3 sec gust)	= FBC 06
Exposure	= B
Closed/Open	= C
Importance Wind	= 115
Importance Seismic	= 150
Seismic Coeff (RasS)	= 0.20

Id Description

1	DL+CL+LL
2	0.60DL+VLI
3	0.60DL+VRI
4	0.60DL+VLI+VS
5	0.60DL+VRI+VS
6	0.60DL+VRI+VS

GENERAL NOTES

- (1) APPLICATION OF ENGINEERS SEAL IS FOR METAL BUILDING ONLY AND DOES NOT REPRESENT THE PROFESSIONAL OF RECORD.
- (2) FOUNDATION DESIGN AND CONSTRUCTION ARE NOT THE RESPONSIBILITY OF THE METAL BUILDING MANUFACTURER.
- (3) ANCHOR BOLTS SHALL BE ACCURATELY SET TO A TOLERANCE OF +/- 1/8" IN BOTH ELEVATION AND LOCATION.
- (4) THE BUILDING REACTION DATA REPORTS THE LOADS WHICH THIS BUILDING PLACES ON THE FOUNDATION. THE FOUNDATION IS TO BE DESIGNED BY A QUALIFIED ENGINEER TO SUPPORT THE BUILDING REACTIONS IN ADDITION TO OTHER LOADS IMPOSED BY THE BUILDING USE OR OCCUPANCY WITH RESPECT TO JOB SITE CONDITIONS.
- (5) ALL ANCHOR BOLTS TO BE ASTM SPECIFICATION A307 UNLESS OTHERWISE NOTED.
- (6) VALUES GIVEN FOR BOLTS AND ANCHOR BOLT TOTAL LENGTHS ARE SUGGESTED LENGTHS ONLY. IT IS THE RESPONSIBILITY OF THE FOUNDATION ENGINEER TO DETERMINE THESE VALUES SINCE THEY ARE A FUNCTION OF CONCRETE STRENGTH AS WELL AS OTHER FACTORS.

Protection of Opening

This building is located in a wind-borne debris region. Exterior glazing is assumed to be impact resistant and meet the provisions of the missile test, or they should be protected by impact resistant covering meeting the requirements of SSTD 12, ASTM E 1886 and ASTM 1996 or Miami-Dade PA 201, 202, & 203.

Openings may also be protected by structural wood panels having a min. thickness of 7/16" and maximum panel span of 8 feet. Attachment hardware and fastening schedule shall be in accordance with the following table.

WIND-BORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS (PLYWOOD)				
FASTER TYPE	FASTER SPACING (in.) ₁₂			
	PANEL SPAN < 2ft	2ft< PANEL SPAN < 4 ft.	4ft< PANEL SPAN < 6 ft.	6ft< PANEL SPAN < 8 ft.
#8 Wood screw-based anchor with 2" embedment length.	16	16	10	8
#10 Wood screw-based anchor with 2" embedment length.	16	16	12	9
1/4" Lag screw-based anchor with 2" embedment length.	16	16	16	16

SI: 1 inch=25.4 mm 1 foot=305 mm

Notes:

- 1.) This table is based on a maximum wind speed of 140 m.p.h. (63 m/s) and mean roof height of 45 feet (13.716 m) or less.
- 2.) Fasteners shall be installed at opposing ends of the wood structural panel.
- 3.) Where screws are attached to masonry or stucco, they shall be attached using vibration-resistant anchors having a minimum withdrawal capacity of 490 lb. (2180 kN).

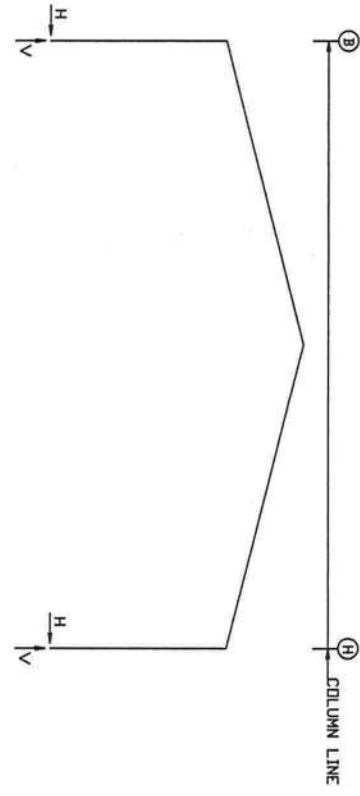
BRACING REACTIONS, PANEL SHEAR

Loc Line	Col Line	Horz	Vert	Panel Shear (lb/ft)
1	1	3.1	3.1	0.4
2	2	3.1	3.1	0.4
3	3	3.1	3.1	0.4
4	4	3.1	3.1	0.4
5	5	3.1	3.1	0.4
6	6	3.1	3.1	0.4

WIND BENT REACTIONS

Loc Line	Col Line	Horz	Vert	Panel Shear (lb/ft)
1	1	3.1	3.1	0.4
2	2	3.1	3.1	0.4
3	3	3.1	3.1	0.4
4	4	3.1	3.1	0.4
5	5	3.1	3.1	0.4
6	6	3.1	3.1	0.4

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES				
Line	Col Line	Anchor Bolt	Base Plate (in)	Groout (in)
1	1	2	3.000	5.750
2	2	2	3.000	5.750
3	3	2	3.000	5.750
4	4	2	3.000	5.750
5	5	2	3.000	5.750
6	6	2	3.000	5.750



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Line	Col Line	Anchor Bolt	Base Plate (in)	Groout (in)
1	1	2	3.000	5.750
2	2	2	3.000	5.750
3	3	2	3.000	5.750
4	4	2	3.000	5.750
5	5	2	3.000	5.750
6	6	2	3.000	5.750

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Line	Col Line	Anchor Bolt	Base Plate (in)	Groout (in)
1	1	2	3.000	5.750
2	2	2	3.000	5.750
3	3	2	3.000	5.750
4	4	2	3.000	5.750
5	5	2	3.000	5.750
6	6	2	3.000	5.750

RIGID FRAME: BASIC COLUMN REACTIONS (K)

Line	Col Line	Dead	Live	Wind	Seismic	Other
1	1	1.0	2.75	2.04	4.12	10.18
2	2	1.0	2.75	2.04	4.12	10.18
3	3	1.0	2.75	2.04	4.12	10.18
4	4	1.0	2.75	2.04	4.12	10.18
5	5	1.0	2.75	2.04	4.12	10.18
6	6	1.0	2.75	2.04	4.12	10.18

ENDWALL COLUMN: BASIC COLUMN REACTIONS (K)

Line	Col Line	Dead	Live	Wind	Seismic	Other
1	1	1.0	2.75	2.04	4.12	10.18
2	2	1.0	2.75	2.04	4.12	10.18
3	3	1.0	2.75	2.04	4.12	10.18
4	4	1.0	2.75	2.04	4.12	10.18
5	5	1.0	2.75	2.04	4.12	10.18
6	6	1.0	2.75	2.04	4.12	10.18

REVISIONS				
REV.	DESCRIPTION	DATE	CHKR	APPD

DRAWING STATUS				

LIFETIME STEEL BLDGS				

LIFETIME STEEL BLDGS				

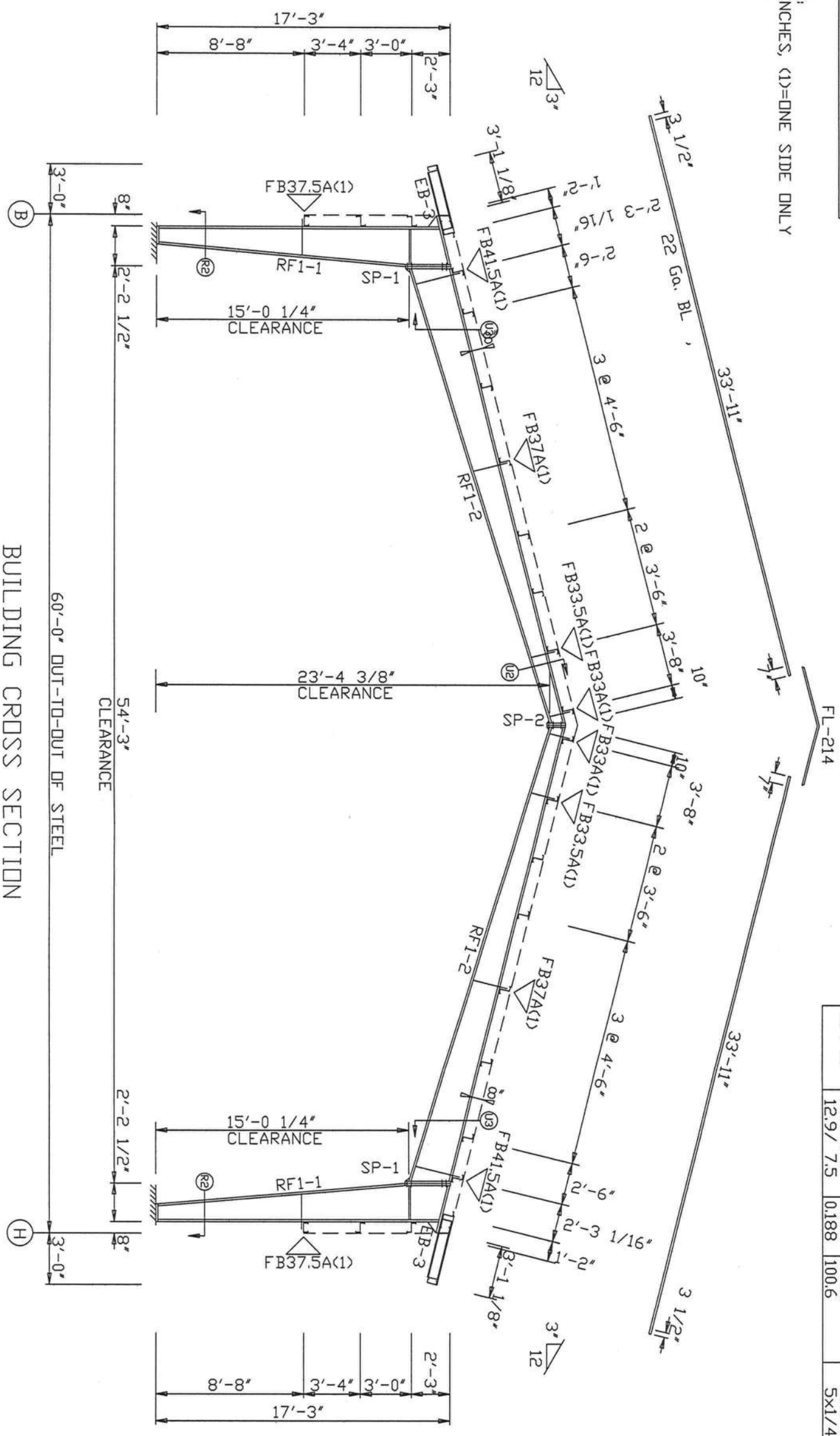
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SPlice BOLTS		Bolt-----	
Splice Mark	Quan	Top/Bot/Int Type	Dia Len
SP-1	4	4	A325 0.750 2.50
SP-2	2	4	0 A325 0.625 1.75

FLANGE BRACES:
 FBxxxA(1): xx=INCHES, (1)=ONE SIDE ONLY
 A - L2X2X14G

MEMBER SIZE TABLE (in)		OUTSIDE FLANGE		INSIDE FLANGE	
PIECE	WEB DEPTH START/END	WEB PLATE THICK/LENGTH	W x T x LEN	W x T x LEN	W x T x LEN
RF1-1	9.5/26.0	0.164	175.7	5x1/4" x199.9	5x1/4" x176.4
RF1-2	26.0/26.0	0.250	30.8	6x5/16" x 35.2	5x1/4" x240.0
	26.0/12.9	0.188	240.0	5x1/4" x240.0	5x1/4" x 99.2
	12.9/ 7.5	0.188	100.6	5x1/4" x 94.0	



GENERAL NOTES:

- * NOTICE TO ERECTOR *
- (A) It is IMPORTANT that for members exceeding 30 ft. in length that a spreader bar be used when lifting.
- (B) All flange braces and wind bracing must be installed prior to exterior finishes being applied.

REVISIONS					DRAWING STATUS					LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
REV.	DESCRIPTION	DATE	DLR	CHKR	APPR	[] FOR CONSTRUCTION	[X] FOR PERMIT ONLY	[] FOR APPROVAL	[] OTHER, EXPLAIN	PROJECT	19066-1	BUILDING CROSS SECTION	DRAFTSMAN/MD CHECK
										LAKE CITY, FL 32024		DATE: 10/07/08	SHEET

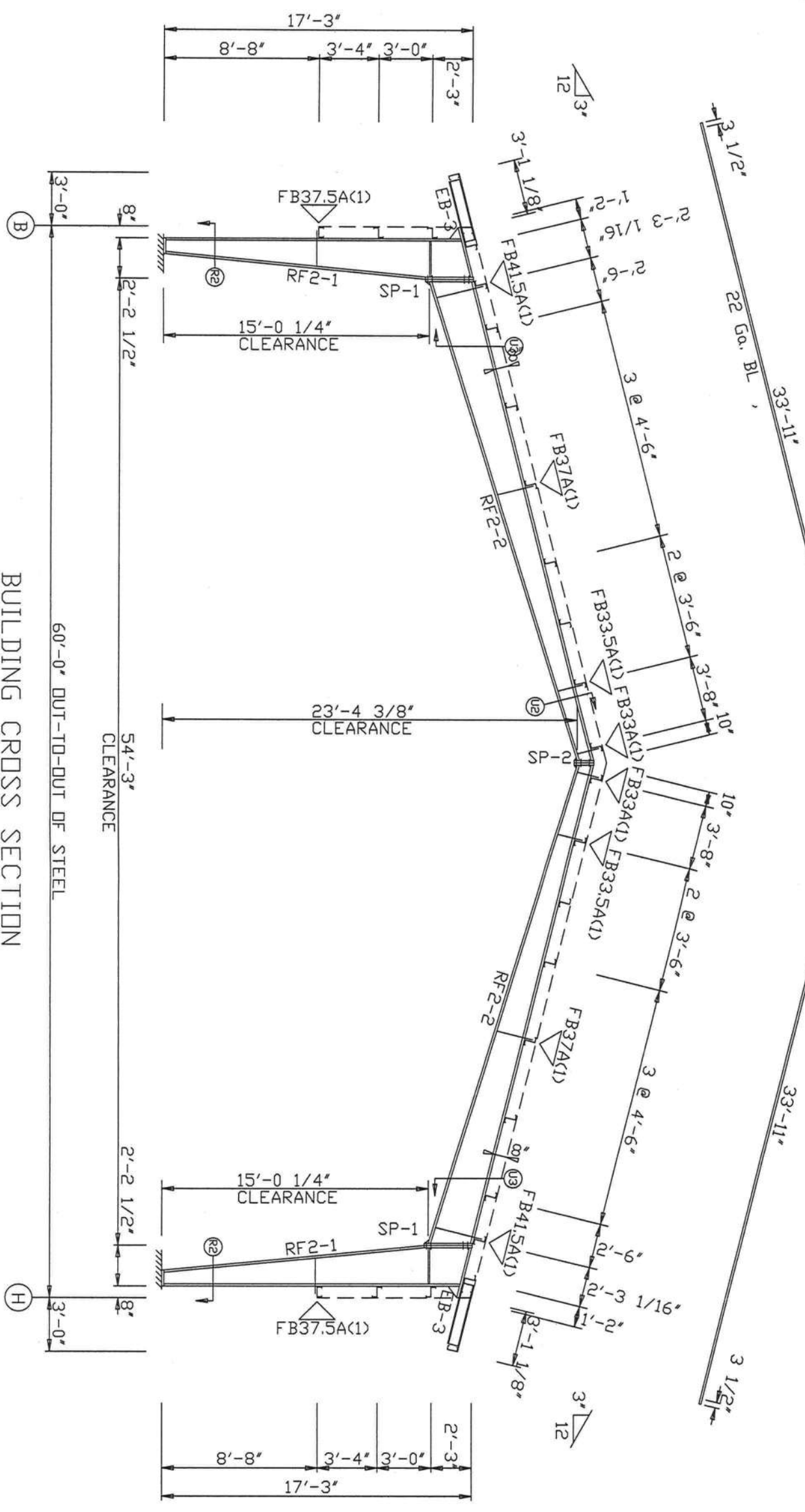
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SPICE BOLTS		-----Bolt-----	
Splice Mark	Quan	Top/Bot/Int	Type Dia Len
SP-1	4	4	0 A325 0.750 2.50
SP-2	2	4	0 A325 0.625 1.75

FLANGE BRACES:
 FBxxA(1): xx=INCHES, (1)=ONE SIDE ONLY
 A - L2X2X14G

MEMBER SIZE TABLE (in)		OUTSIDE FLANGE		INSIDE FLANGE	
PIECE	WEB DEPTH START/END	WEB PLATE THICK LENGTH	W x T x LEN	W x T x LEN	W x T x LEN
RF2-1	7.5/26.0	0.164	175.7	5x1/4" x199.9	5x1/4" x176.6
RF2-2	26.0/26.0	0.250	30.8	6x5/16" x 35.2	5x1/4" x240.0
	26.0/12.9	0.188	240.0	5x1/4" x240.0	5x1/4" x240.0
	12.9/ 7.5	0.188	100.6	5x1/4" x 94.0	5x1/4" x 99.2



BUILDING CROSS SECTION
 FOR FRAME LINE 4 5

GENERAL NOTES:

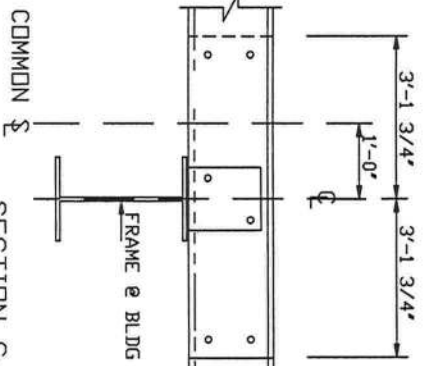
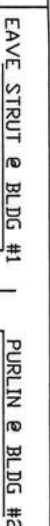
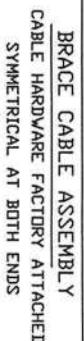
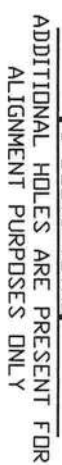
- * NOTICE TO ERECTOR *
- (A) It is IMPORTANT that for members exceeding 30 ft. in length that a spreader bar be used when lifting.
- (B) All flange braces and wind bracing must be installed prior to exterior finishes being applied.

REVISIONS				DRAWING STATUS				LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD		PROJECT	6000' x 1213 x 172	BUILDING CROSS SECTION	DRAFTSMAN/MDL CHECK
								PROJECT	19066-1	DATE: 10/07/08	SHEET
								ADDRESS	LAKE CITY, FL 32024		

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[Handwritten signature]

SEAL



MEMBER TABLE				
ROOF PLAN		MARK	PART	LENGTH
		EB-1	8X40H16	3'-5" 5/8"
		EB-2	8X50D16	3'-9" 5/8"
		EB-3	W8X10	3'-9" 5/8"
		EB-8	8X50D16	3'-9" 5/8"
		EB-9	8X45H16	3'-5" 5/8"
		P-1	8X25Z14	27'-4" 1/2
		P-2	8X25Z15	29'-6" 1/2
		P-3	8X25Z15	28'-6" 1/2
		P-4	8X25Z15	30'-7" 1/2
		P-5	8X25Z14	27'-4" 1/2
		P-6	8X25Z15	30'-7" 1/2
		E-1	825Z350D16	22'-7" 1/2
		E-2	825Z350D16	23'-7" 1/2
		E-3	825Z350D16	23'-7" 1/2
		E-4	825Z350D16	23'-7" 1/2
		E-5	825Z350D16	22'-8" 1/2
		E-6	825Z350D16	22'-8" 1/2
		E-7	8X35C12	23'-11"
		E-8	8X25C12	23'-7" 1/2
		E-9	8X25C12	25'-0"
		CB-2	0.312CBL	38'-5"

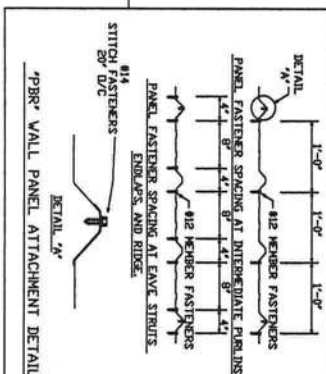
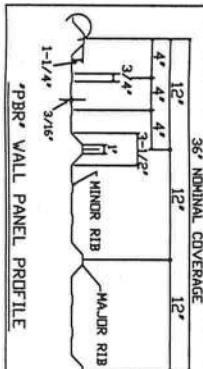
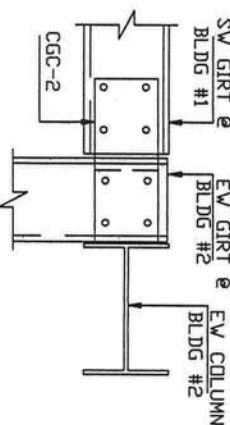
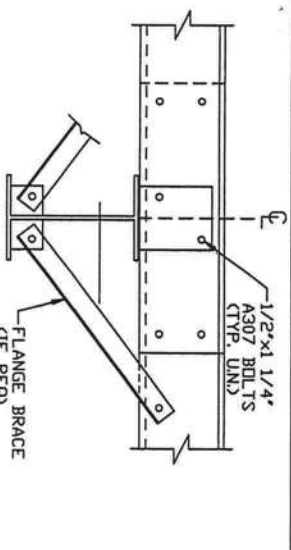


DRAWING STATUS		LIFETIME	STEEL	BL DS
☐ FOR CONSTRUCTION	☐ FOR PERMIT ONLY	PROJECT	6000' x 1213 x 172	
☐ FOR APPROVAL	☐ OTHER, EXPLAIN	ID	19066-1	
		PROJECT	LAKE CITY, FL 32024	
		ADDRESS		

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NOTE:
REFER TO M.B.C.I. BATTEN-LOK TECHNICIAN
MANUAL FOR FASTENING INSTRUCTIONS.
IMPROPER INSTALLATION VOIDS WARRANTY.



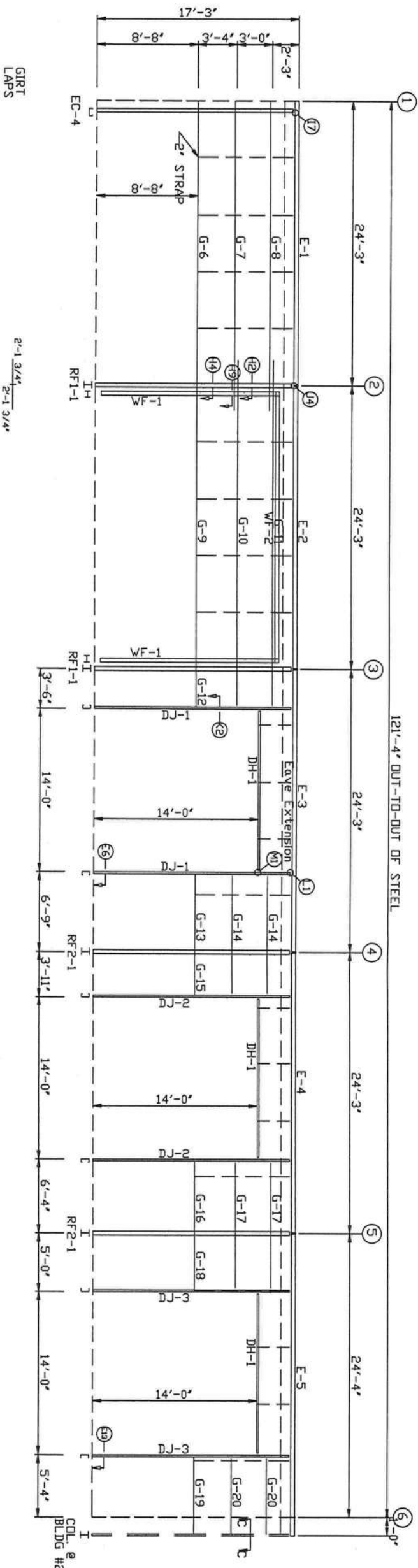
ADDITIONAL HOLES ARE PRESENT FOR ALIGNMENT PURPOSES ONLY

6 BOLTS TOTAL

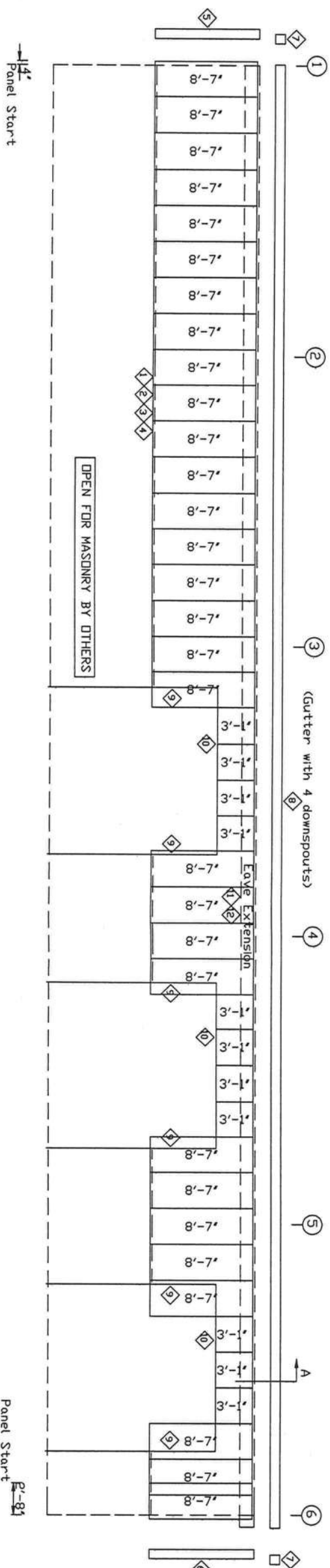
SECTION FOR CROSS-SECTION FOR LOCATIONS

SECTION C-C

121'-4" OUT-TO-OUT OF STEEL



SIDEWALL FRAMING: FRAME LINE H



SIDEWALL SHEETING & TRIM: FRAME LINE H

PANELS: 26 Ga. PBR - NEED KYNAR COLOR

GENERAL NOTES:

(1) IF CABLE BRACING, WIND BENTS, WIND COLUMNS OR WEAK AXIS DESIGN OF SIDE WALL COLUMNS WERE NOT PROVIDED IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED.

REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD

REVISIONS	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD

REVISIONS	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD

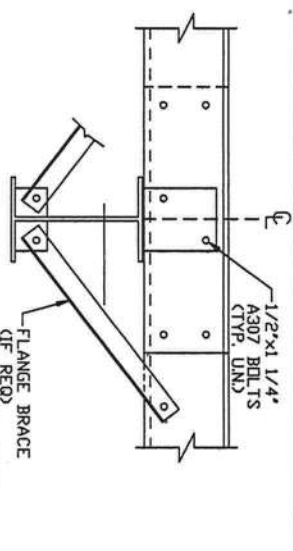
REVISIONS	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD

FRAMING LINE H	QUANTITY	TYPE	DIA	LENGTH	DET
WF-1	8	A325	3/4"	1	
WF-1 - RF-1	4	A325	5/8"	1	

FRAMING LINE H	QUANTITY	TYPE	DIA	LENGTH	DET
WF-1	8	A325	3/4"	1	
WF-1 - RF-1	4	A325	5/8"	1	

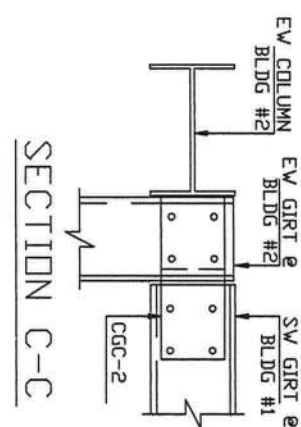
OCT 09 2008

SEAL

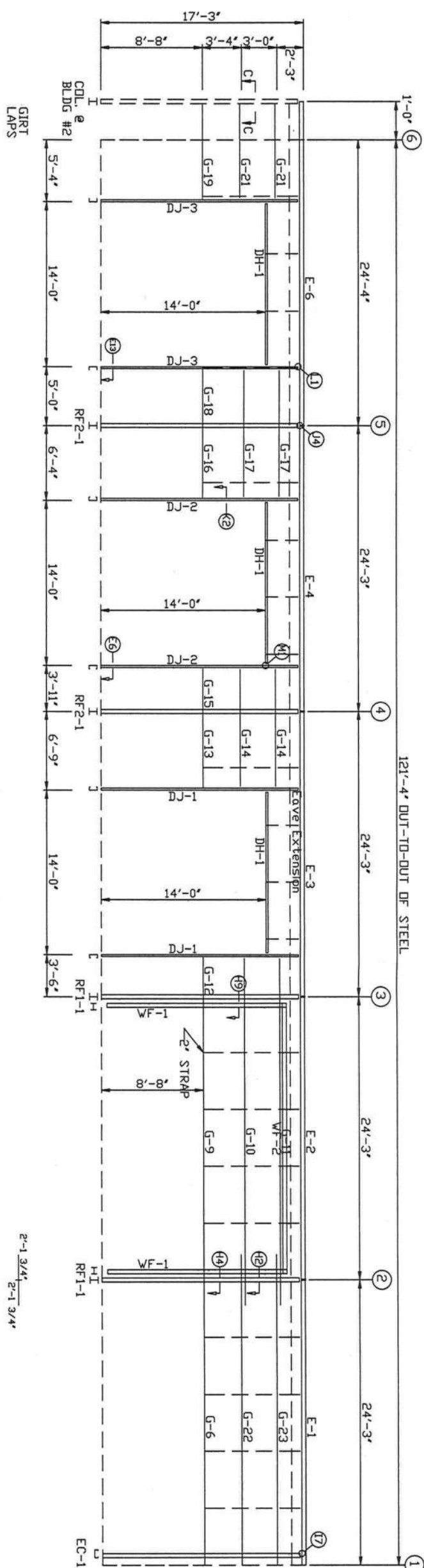


FLANGE BRACE
(IF REQ.)
SEE FRAME CROSS
SECTION FOR LOCATIONS

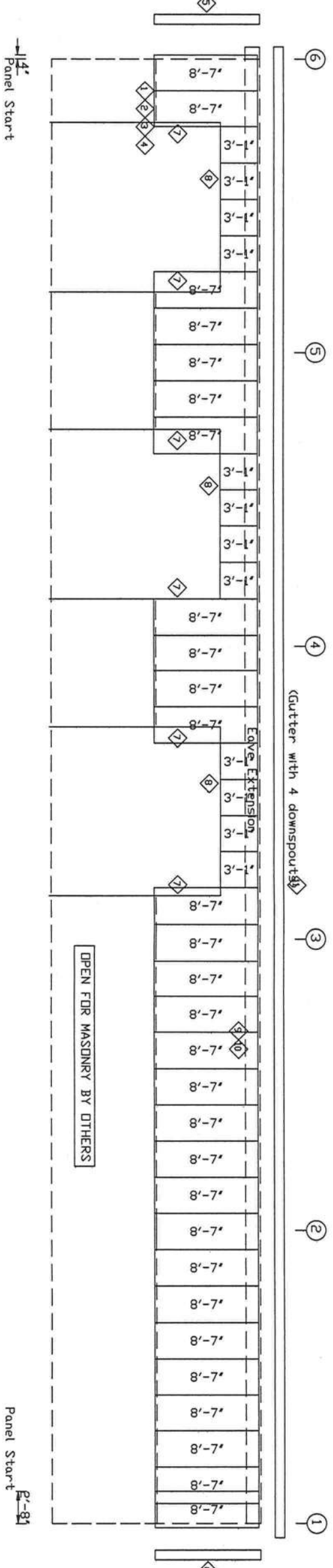
ADDITIONAL HOLES ARE PRESENT FOR
ALIGNMENT PURPOSES ONLY



SECTION C-C



SIDEWALL FRAMING: FRAME LINE B



SIDEWALL SHEETING & TRIM: FRAME LINE B

PANELS: 26 Ga. PBR - NEED KYMAR COLOR

BOLT TABLE			
FRAME LINE B	QUAN	TYPE	DIA
WF-1 - WF-2	8	A325	3/4"
WF-1 - RF1-1	4	A325	3/8"

TRIM TABLE			
FRAME LINE B	LENGTH	DEF	
1	3'-6"		
2	11'-7"		
3	1'-7"		
4	2'-1"		
5	8'-9"		
6	8'-9"		
7	5'-6"		
8	14'-3"		
9	20'-3"		
10	1'-7"		
11	20'-2"		

MEMBER TABLE			
FRAME LINE B	PART	LENGTH	
WF-1	W16x41	15'-7"	
WF-2	W16x41	21'-2"	
DJ-1	8X35C14	16'-6"	
DJ-2	8X35C16	16'-6"	
DJ-3	8X11.5	16'-6"	
DH-1	8X35C16	14'-0"	
E-1	8X35C16	22'-7"	
E-2	8X35C16	23'-7"	
E-3	8X35C16	23'-7"	
E-4	8X35C16	23'-7"	
E-6	8X35C16	22'-8"	
E-10	8X35C16	1'-4"	
G-6	8X40C14	24'-2"	
G-9	8X25Z15	24'-2"	
G-10	8X25Z15	29'-7"	
G-11	8X25Z16	29'-7"	
G-12	8X25C16	3'-2"	
G-13	8X25C16	6'-5"	
G-14	8X25Z16	10'-0"	
G-15	8X25C16	3'-7"	
G-16	8X25C16	6'-0"	
G-17	8X25Z16	10'-8"	
G-18	8X25C16	4'-8"	
G-19	8X25C16	5'-0"	
G-21	8X25Z16	26'-4"	
G-22	8X25Z15	26'-4"	
G-23	8X25Z16	26'-4"	

GENERAL NOTES:
(1) IF CABLE BRACING, WIND BENTS, WIND COLUMNS, OR WEAK AXIS DESIGN OF SIDE WALL COLUMNS WERE NOT PROVIDED IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED.

REVISIONS					
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR

DRAWING STATUS					

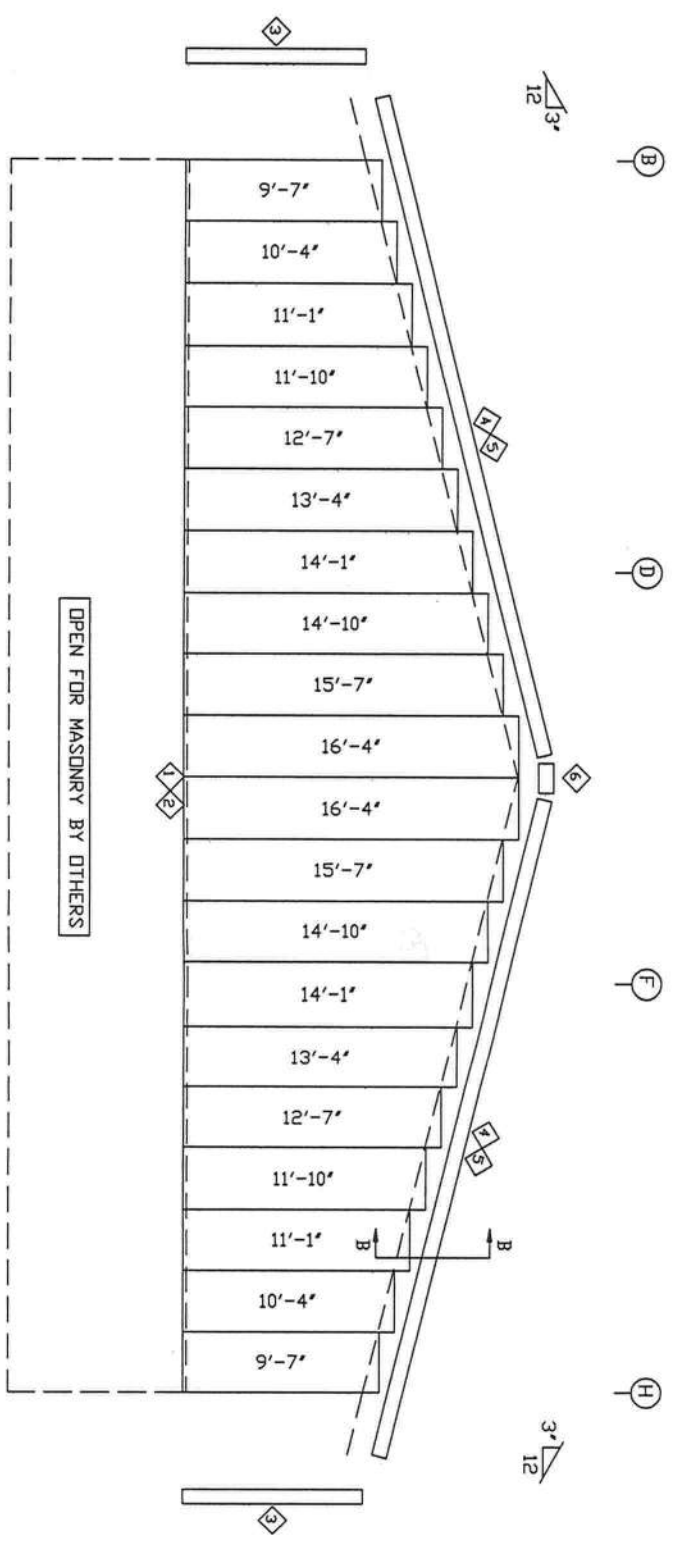
LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	6000' x 1213' x 172'	PROJECT	6000' x 1213' x 172'
ID	19066-1	ID	19066-1
PROJECT	LAKE CITY, FL 32024	PROJECT	LAKE CITY, FL 32024
DATE	10/07/08	DATE	10/07/08

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SEAL

TRIM TABLE		
OID	FRAME LINE 1	DE
MARK	LENGTH	
1	TBD	
2	TBD	
3	CTR	
4	FL-111	TRI
5	XFL-111	
6	FL-125	
	2-1'	
	3-6'	
	1-6'	
	8-9'	
	20'-3'	
	14'-4'	

FLANGE BRACE TAI		
FRAME LINE 1		
VID	MARK	LENC
1	FB34.5	2'-10



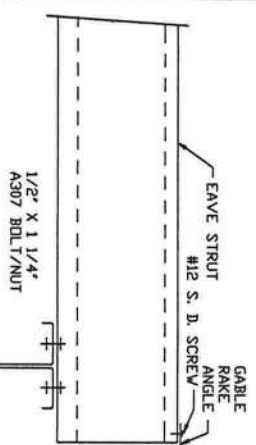
ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. PBR - NEED KYNAR COLOR

SEAL

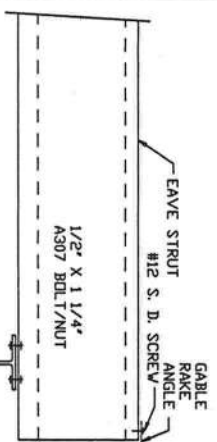
A handwritten signature in black ink, appearing to read "Barack", is written over the "SEAL" text and extends into the area below the line.

REVIEWS					DRAWING STATUS	
REV.	DESCRIPTION	DATE	DTLR	DATE	CHKR	APPD

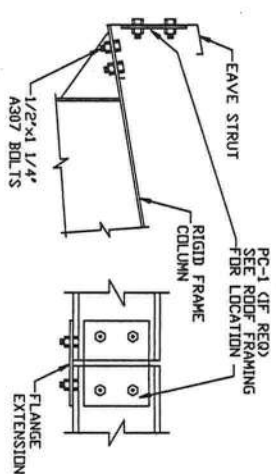
☐ FOR CONSTRUCTION ☐ FOR PERMIT ONLY ☐ FOR APPROVAL ☐ OTHER, EXPLAIN _____		LIFETIME STEEL BLDGS	LIFETIME STEEL BLDGS
PROJECT	60'0" x 121'3 x 17'2	PROJECT	ENDWALL FRAMING
ID	19066-1	ID	DRAFT/ARM/AMD CHECK
PROJECT	LAKE CITY, FL 32024	PROJECT	DATE: 10/07/08
ADDRESS		ADDRESS	SHEET



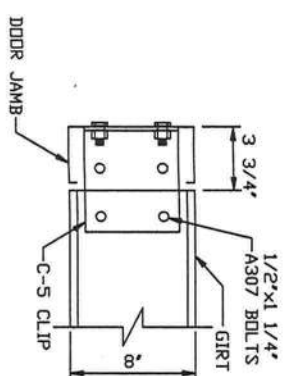
ENDWALL RAFTER
17 LEAVE STRUT TO ENDWALL RAFTER



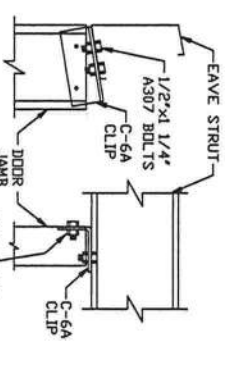
ENDWALL RAFTER —
18 LEAVE STRUT TO ENDWALL RAFTER



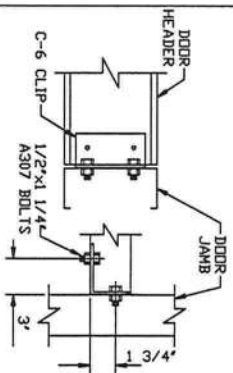
44 EAVE STRUT TO
RIGID FRAME



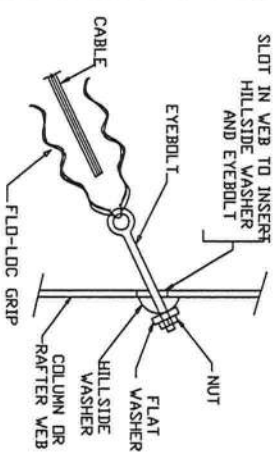
K2 GIRT TO
DOOR JAMB



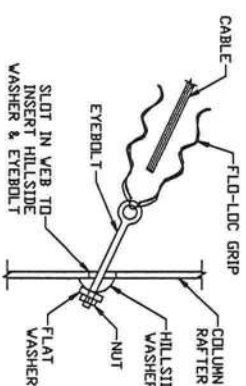
DOOR JAMB COLUMN TO
EAVE STRUT



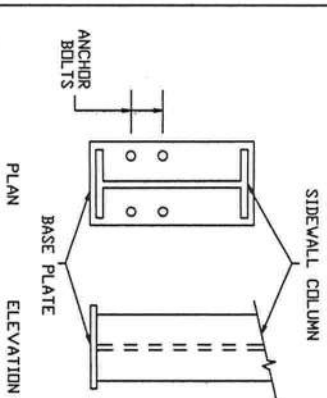
M1 DOOR HEADER TO
DOOR JAMB



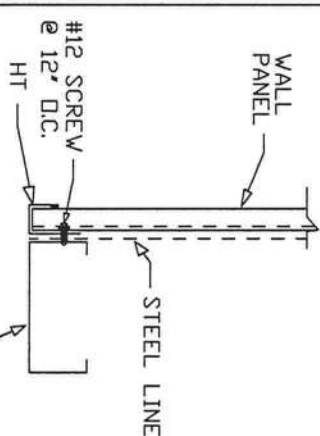
Q1 DIAGONAL CABLE, EYEBOLT END



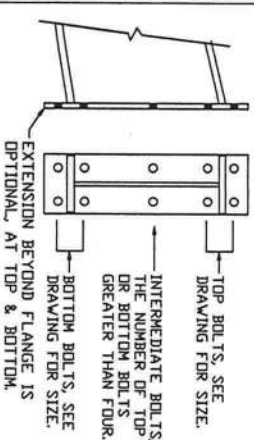
Q2 DIAGONAL CABLE
EYEBOLT END



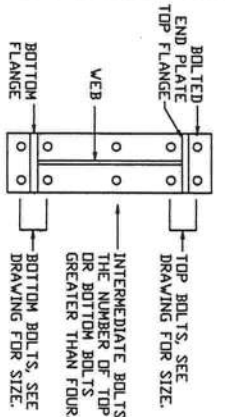
R2 ANCHOR BOLTS AT SIDEWALL COLUMN



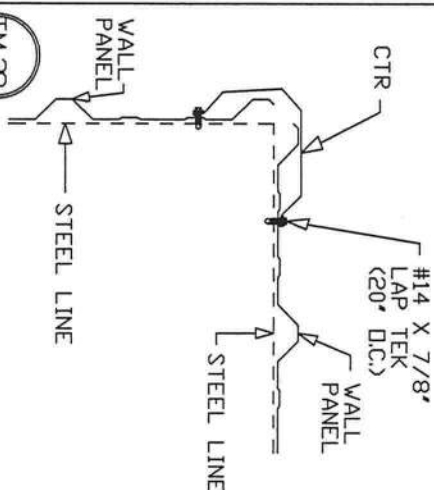
TM33
© HEAD



U2 BOLTED END PLATE CONNECTION
AT BUILDING PEAK

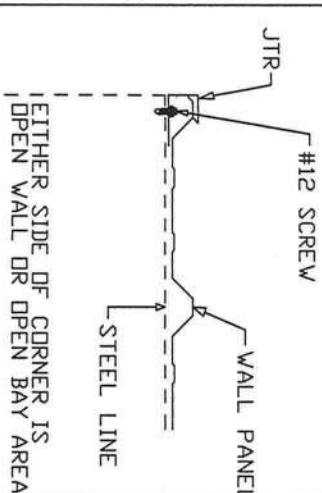


U3
BOLTS FOR RAFTER TO
COLUMN CONNECTION

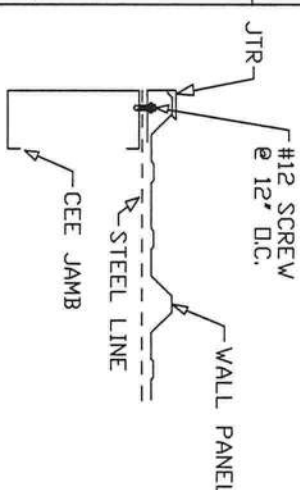


TM 29

© CORNER BUT R



TM30
CORNER OUT OPEN



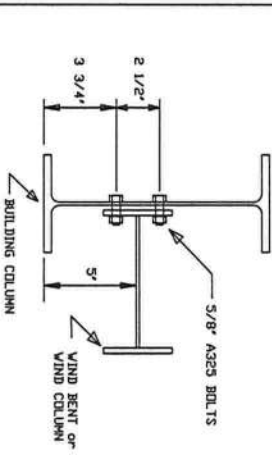
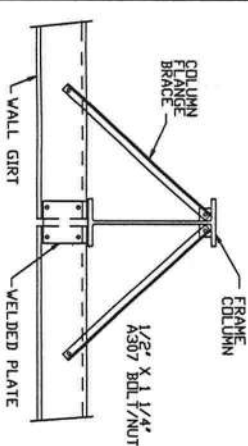
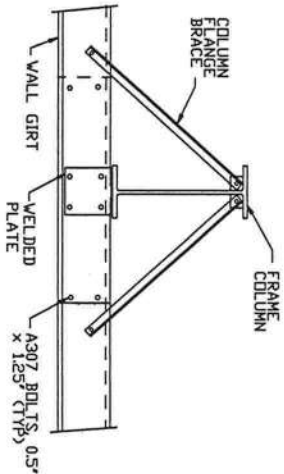
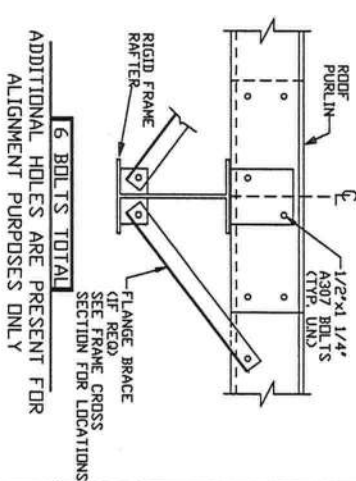
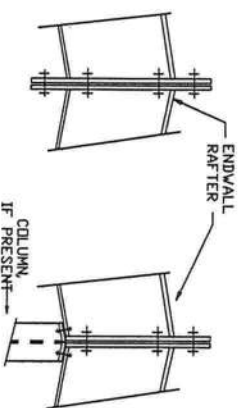
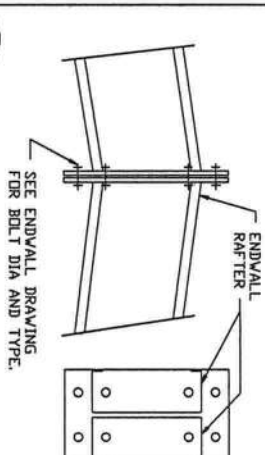
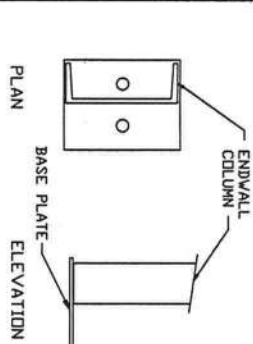
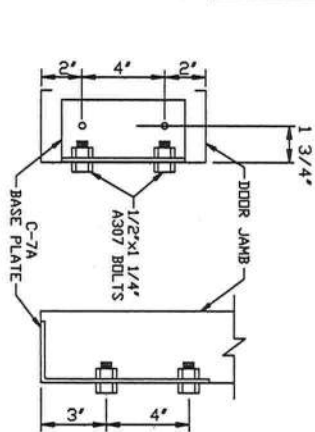
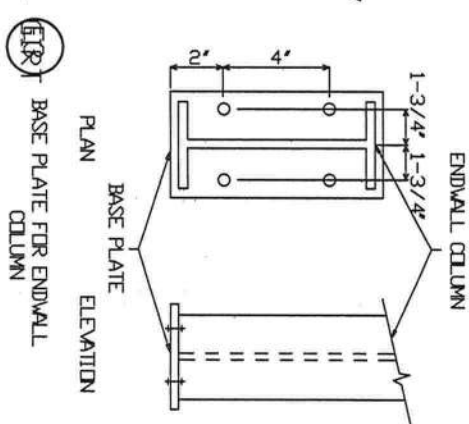
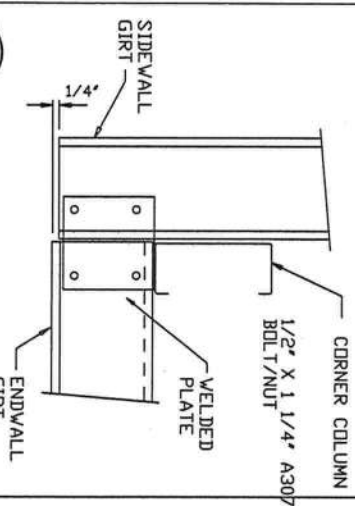
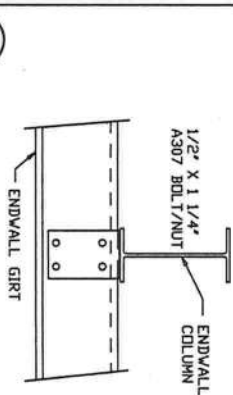
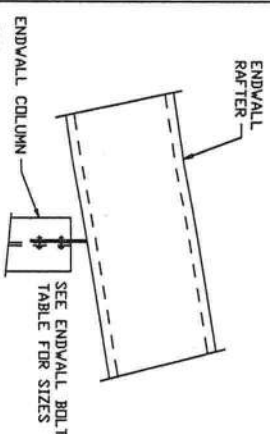
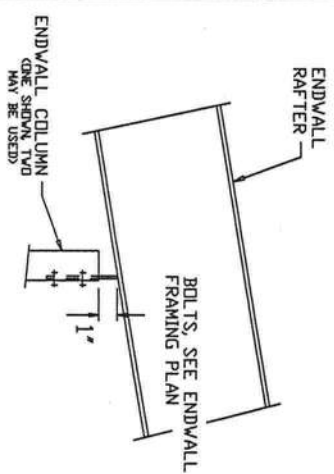
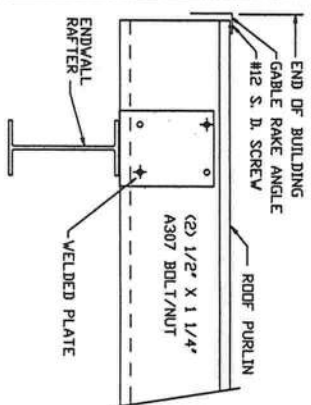
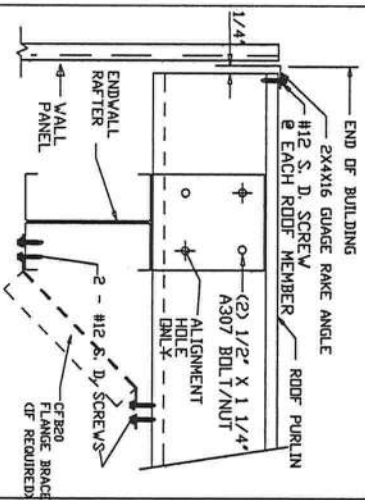
TM31

REVISIONS				DRAWING STATUS		LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGSS	
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD	PROJECT	Detail Page	
							1906-1	DESIGN	DRAFTSM/MDL
							LAKE CITY, FL 32024	DATE: 10/07/08	CHECK
							ADDRESS		SHEET

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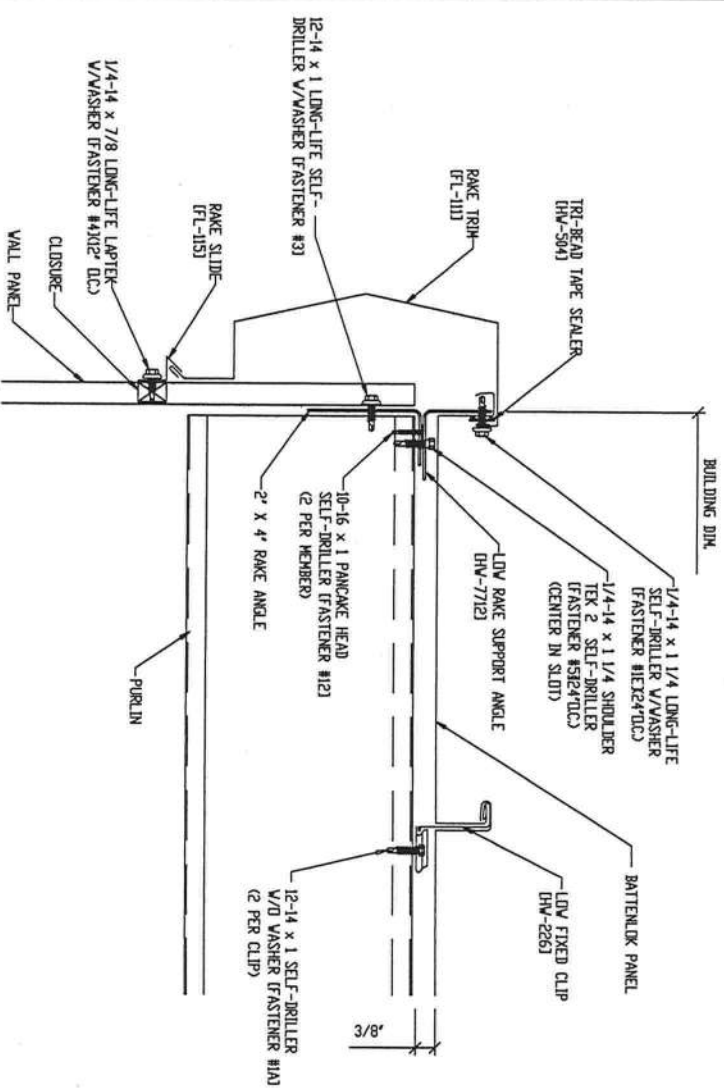
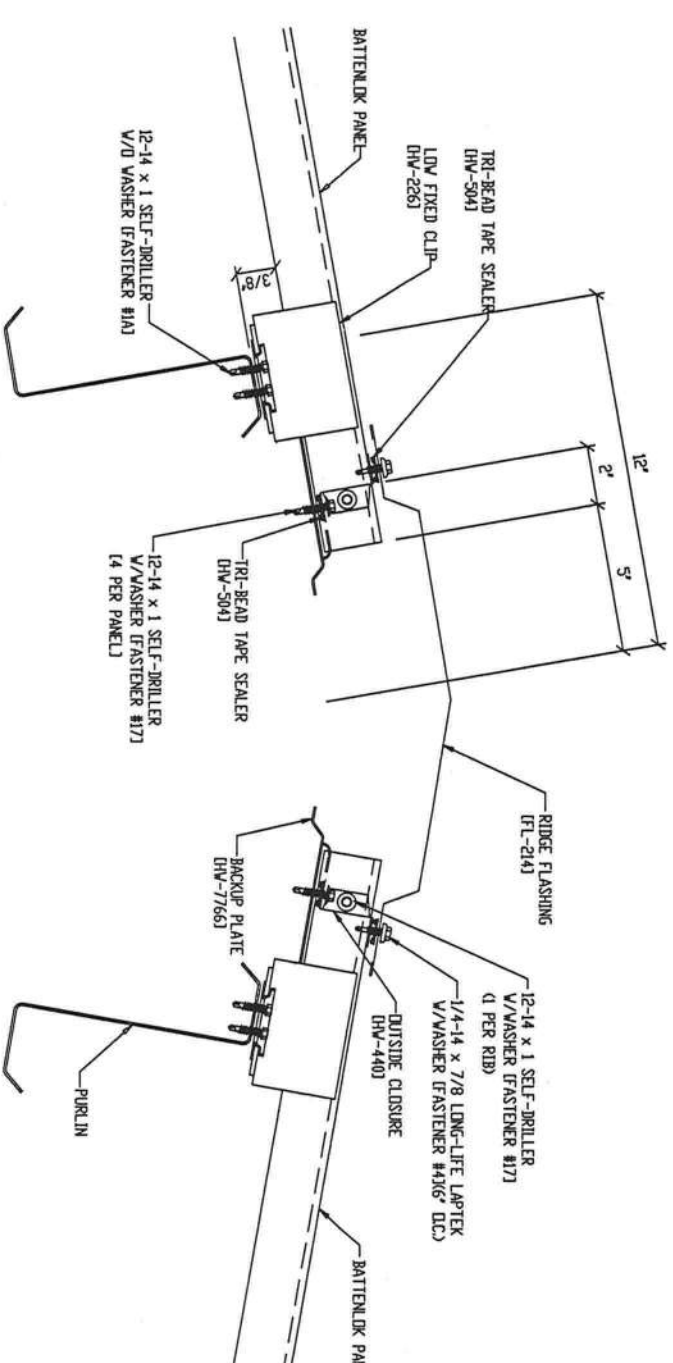
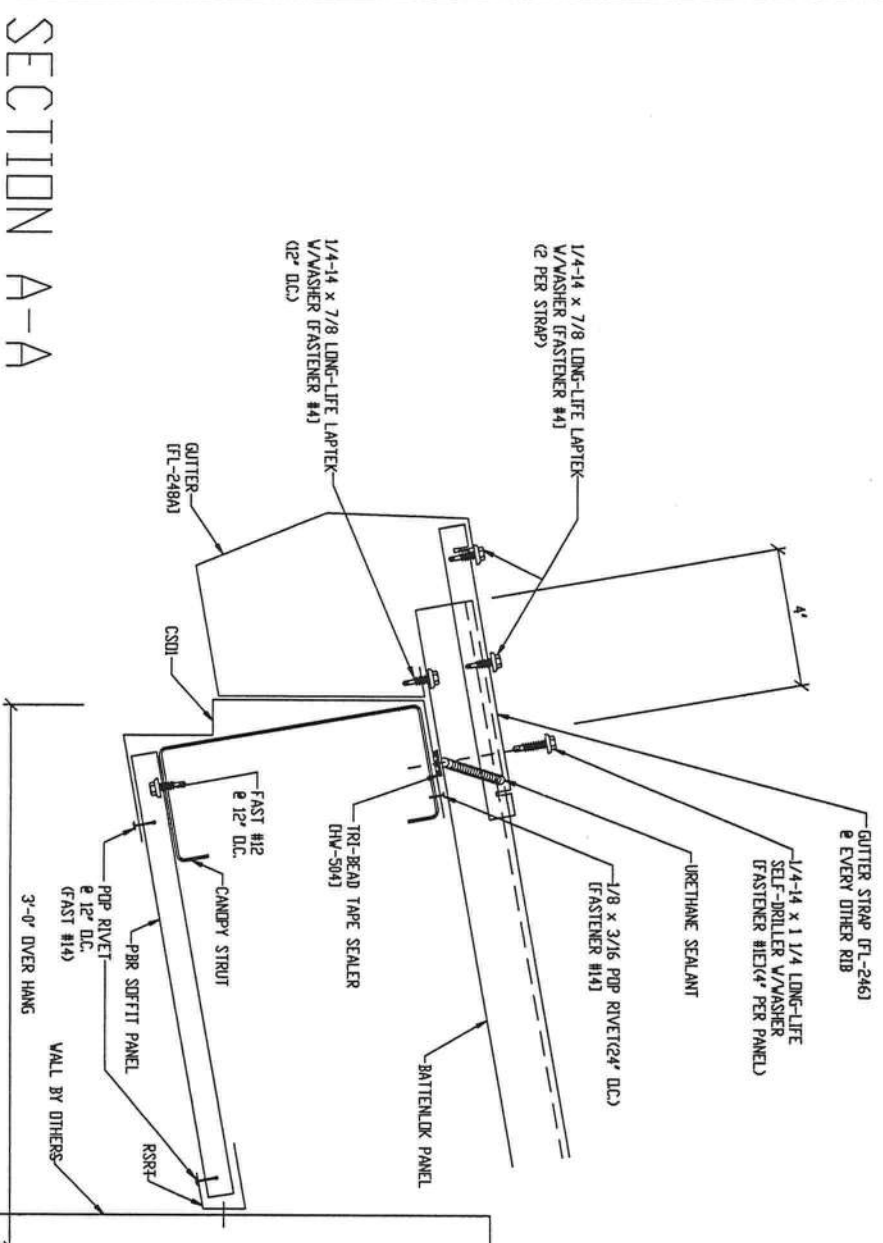
SEAL



REVISIONS						DRAWING STATUS		LIFETIME STEEL BLDGS	LIFETIME STEEL BLDGS
REV.	DESCRIPTION	DATE	DLR	CHKR	APPD	☐ FOR CONSTRUCTION ☒ FOR PERMIT ONLY ☐ FOR APPROVAL ☐ OTHER, EXPLAIN _____		PROJECT	Detail Page
								ID	Design
								PROJECT	DRAFTSMAN/CHECKER
								ADDRESS	SHEET
								LAKE CITY, FL 32024	DATE: 10/07/08

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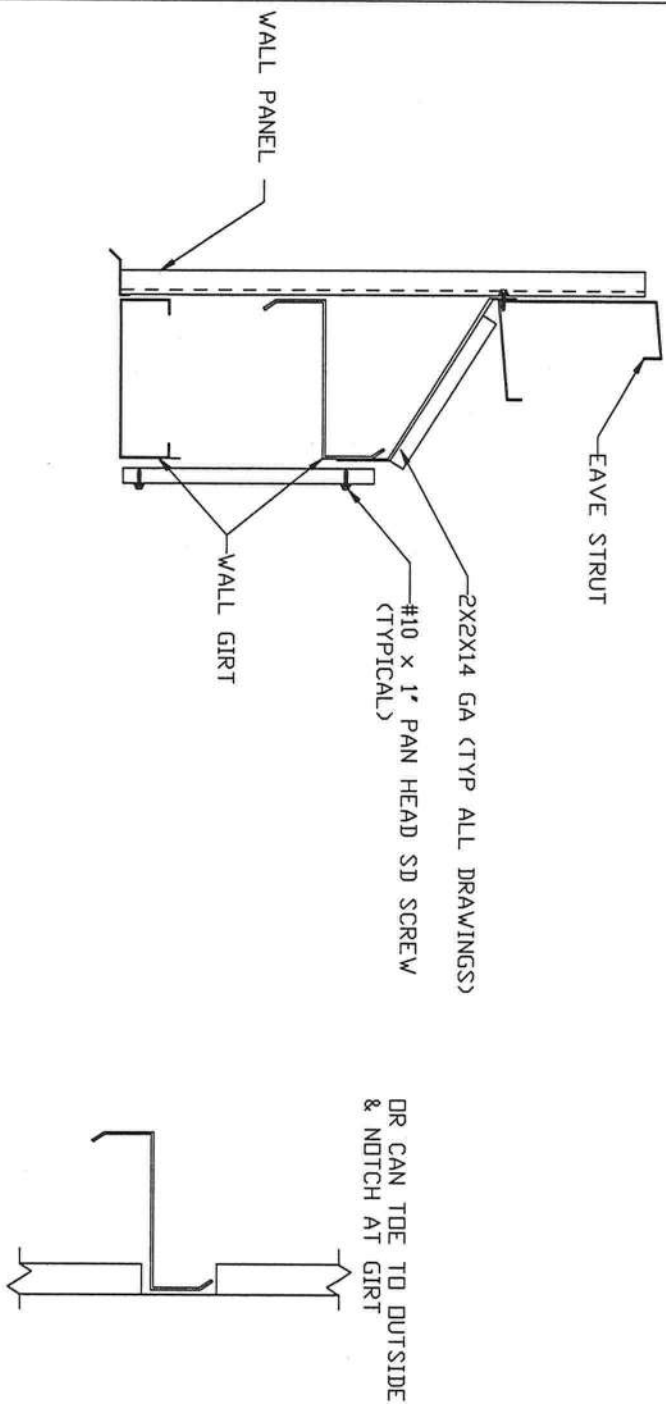


REVISIONS					DRAWING STATUS		LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD	☐ FOR CONSTRUCTION	☐ FOR PERMIT ONLY	☐ FOR APPROVAL	☐ OTHER, EXPLAIN

PROJECT	600' x 1213 x 172	Detail Page	
ID	19066-1	DRAFTSM/MD	CHECK
PROJECT	LAKE CITY, FL 32024	DATE	10/07/08
ADDRESS		SHEET	

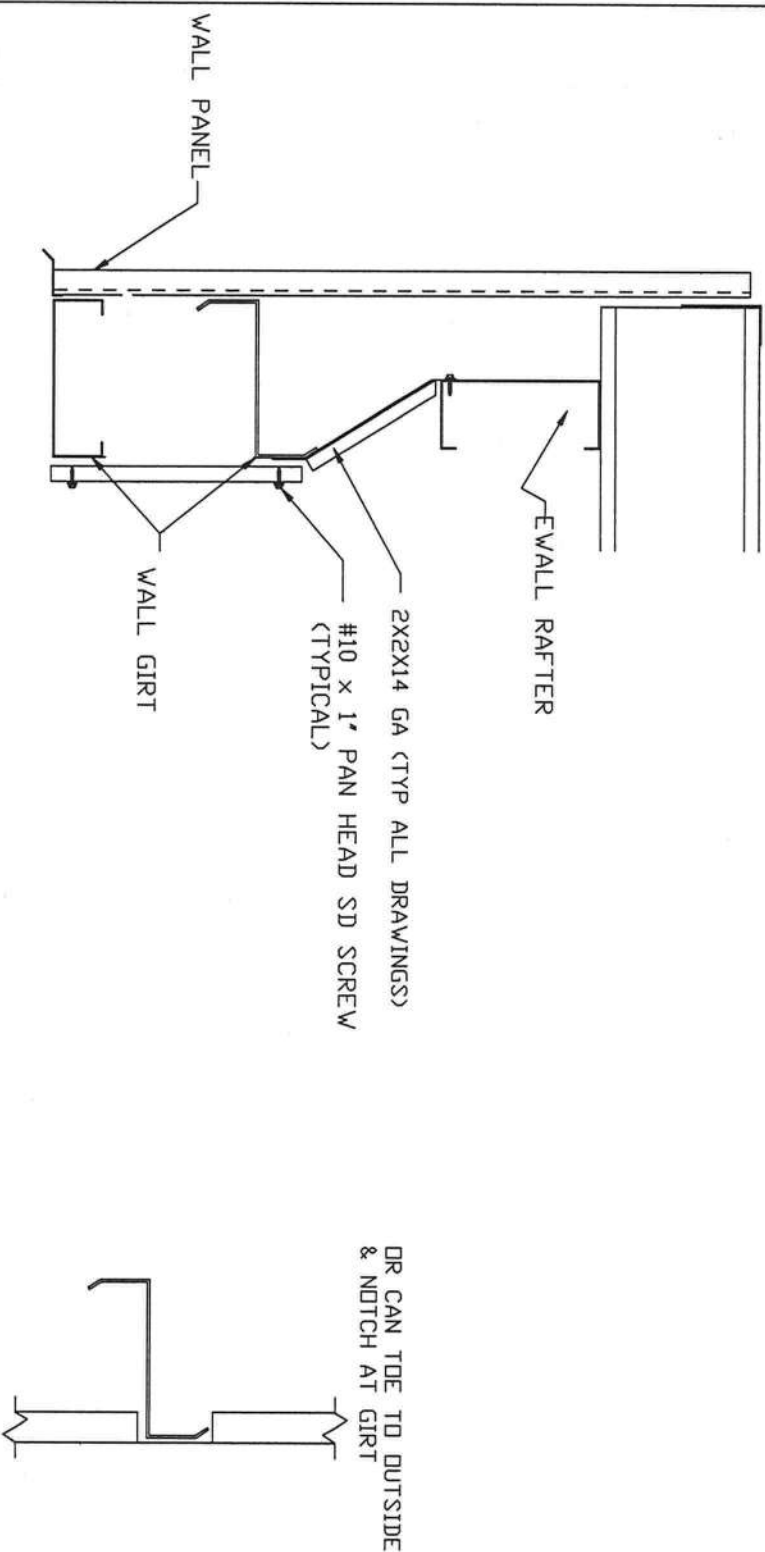
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TYPICAL SIDE WALL STRAPPING W/OPEN CONDITION
(SUCTION)

6-D-3



TYPICAL END WALL STRAPPING W/OPEN CONDITION
(SUCTION)

6-D-6

REVISIONS							DRAWING STATUS				LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS		
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD	☐ FOR CONSTRUCTION	☒ FOR PERMIT ONLY	☐ FOR APPROVAL	☐ OTHER, EXPLAIN	ID	PROJECT	Detail Page	DRAFT/ARM/MD	CHECK/1
											19066-1	LAKE CITY, FL 32024	DATE: 10/07/08	SHEET	1

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